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Erasmus
Mundus



FOR **EUROPA**

PROF. DR. ANTÓNIO CASTELBRANCO – TEMPO PROJECT COORDINATOR

PROF. DR. OKSANA TURCHANINA - TEMPO PROJECT EXECUTIVE COORDINATOR AND JOINT-COORDINATOR



FACULDADE DE ARQUITETURA
UNIVERSIDADE DE LISBOA

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TEMPO

TRANS-EUROPEAN MOBILITY PROJECT
ON EDUCATION FOR SUSTAINABLE
DEVELOPMENT



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I TEMPO

INTRODUCTION

Brief Description

The Trans-European Mobility PrOject of Education for Sustainable Development – TEMPO – aims at achieving the objectives set by of the Erasmus Mundus Program for mobility, and also to combine these objectives with a transdisciplinary approach and the principles of Sustainable Development. It intends to be an investment in diverse, modernized and interconnected higher education/research that will provide future leaders with better skills and competences to respond to the needs of today’s unsustainable world.

Therefore, the objective of the TEMPO Project is to promote a Trans-European exchange of knowledge, experience and management in Higher Education Institutions for the establishment of cooperation ties of HEIs between the European Union and Third countries (lot5) in the areas of:

- architecture;
- urban/regional planning;
- transport and traffic studies;
- chemistry;
- biology;
- chemical technology;
- engineering, technology;
- environmental sciences and ecology.

The involvement of these strategic and actual scientific areas will contribute to achieving the practical results in terms of a healthier environment, a better quality of life, and also to the achievement of sustainable development of the countries covered by TEMPO Partnership.

The TEMPO Partnership is made up by universities in:

- Portugal (Lisbon Technical University; University of Fernando Pessoa; Polytechnic Institute of Tomar),
- Spain (University of Alicante; University of A Coruña; University of Cordoba),
- Italy (Polytechnic University of Milan)

and (lot 5) third country’s universities in:

– Armenia (Gavar State University, State Engineering University of Armenia),
– Azerbaijan (Baku State University),
– Belarus (Brest State Technical University, Belarusian National Technical),
– Georgia (Georgian Technical University),
– Moldova (Alecu Russo Balti State University)
– Ukraine (Donetsk National Technical University, Donbas National Academy of Civil Engineering and Architecture, National Technical University of Ukraine “Kiev Polytechnic Institute”).

In order to offset the constraints and to improve the Higher Education System of the Third Countries (Lot 5), the TEMPO Project seeks to follow the concept of mutual enrichment of societies through education/research/development, and intends to do this by directly focusing on:

- The harmonization of the differences in Higher Technical education between these 6 former Soviet Republics (which tend to concentrate more theoretical matters) and the European Union Countries (which focus rather on practical matters);
- The alignment and merger of Higher Education Institutions curricula of the Universities of lot 5 countries with the Bologna structure;
- The development and introduction of new educational standards (curricula reform) with a view to improving the quality of the content of education and in order to facilitate employability of graduates;
- The exposure to established democratic principles in the governance of higher education institutions to a larger extent;
- Offering an equal opportunity for students and staff - through systematic mobility - to enrich their knowledge, skills, and to divulge the concept of sustainability to their own countries;
- encouraging the promotion common cultural values such as the respect for gender equity, human rights, fundamental freedoms, democracy, and good governance;
- The recognition of the degrees conferred by higher education institutions of the Third Countries and countries involved in the Bologna process;
- Overcoming the lack of innovative principles and approaches in higher education by improving the technical base;
- Sharing research resources, educational standards and management capacities between the European Partners’ and their partners from Third countries (lot 5).

The Theme

In the genesis of TEMPO Project is the theme of research of the PhD thesis that was presented by Antonio Castelbranco in 2009 at the Faculdade de Arquitectura of the University of Lisbon, from which the Abstract below was extracted.

Abstract

A CONTRIBUTION TOWARDS THE THEORY OF SUSTAINABLE OF ARCHITECTURE, AND TERRITORIAL PLANNING.
Proposal for a methodology applied to the study of the territory of the Drainage Basin to the North of Abrantes.
Doctorate in: Urban Planning
Advisor: Phil B. Hawes, PhD
Co-Advisor: Professor João M. R. de Brito Guterres, PhD

The Question:

What is the meaning of sustainability in the sense of the role that architects and planners ought to play to a world that is striving to become more sustainable, or how can we (as designers) contribute to achieve sustainability?

The Theme:

This dissertation aims at contributing to the building of an intellectual framework based on holistic principles. Specifically, it is believed that this framework will provide the basis for the development of a methodology that promotes sustainability - in terms of territorial and urban planning as well as in architecture. To this purpose, the overall areas of the counties of Abrantes and Sardoal under study were divided into Drainage Basins, and the Drainage Basin North of Abrantes was selected as a case study for the application of some of the concepts that were deemed (considered) most relevant.

The Problem:

In this dissertation, it is assumed that one of the problems which our Global Society faces today is that of fragmentation. Indeed, fragmentation is a serious problem in modern society, and can be found in a vast majority of modern-day activities. In fact, there is fragmentation from the point of view of the land, from a social

perspective, and there is also fragmentation of scientific method and knowledge. It is our opinion that this fragmentation is the result of the manner in which our Global Society sees and acts upon the Biosphere. It is supposed that the cause for this fragmentation is based on the paradigm of reductionism and compartmentalization. In turn, these paradigms are based on an intellectual framework that dates back to the Age of Enlightenment. This fragmentation is also visible in our educational system which is divided into dozens of areas and different subjects, each with its subcategories, and whose practitioners do not usually communicate efficiently amongst themselves. This fragmentation is also felt in the legal and administrative systems where there are overlapping and hierarchical disorders, both in the content of the regional plans and their corresponding rules and regulations; not to mention the artificial administrative partition of the territory along ecologically irrational lines. There is also fragmentation in the control systems, whereby violations or actions that do not abide to the urban plans, rules and conditions, go unpunished, not to mention the political pressures that so often overrule the issues of territory or the environment. In any case, for the last few hundred years, the intellectual framework underlying reductionism (and the effects of fragmentation) has clearly been responsible for advances in solving many mechanistic problems. However, since the end of the 2nd World War the speed and complexity with which human endeavor has progressed (in terms of social and scientific evolution, information, transportation and communications improvements, etc.), has placed excessive anthropogenic pressures on the Biosphere. These pressures are felt at all levels and on all ecosystems of the Biosphere. The ensuing state of affairs confirms the need to establish the architecture for a new intellectual framework.

The Hypothesis:

Assuming then that there is the need to develop a new intellectual framework, it is then necessary to adopt an indicator that will serve as a tool for analysis, accounting and commerce. This tool/indicator is - as we will attempt to demonstrate throughout this dissertation - Carbon Dioxide (CO₂). The effects and consequences of the emissions of greenhouse gases (GHG) and CO₂ in particular, have become in a short time, universally accepted and understood to convey the meaning and severity of anthropogenic pressures on the Biosphere. It is thus proposed that this indicator could provide a basis for developing a paradigm of sustainable development applicable to the territorial planning and architecture.

In addition, it is also proposed that architects and planners have a duty, and a responsibility to expand their competence and their ability in understanding what sustainability really means, and to collaborate in contributing to a new holistic intellectual framework of sustainable design, both for individual buildings, and for urban planning - in symbiotic relationship with their drainage basins. Nevertheless, for this effort to be successful, a knowledge of international agreements and protocols (which are the basis of national legislation to reduce GHG emissions) and a notion of the methods of accounting for CO₂ is needed. Accordingly, this dissertation aims to contribute to the development of this intellectual framework that will make a contribution to the theory of sustainable architecture and territorial planning. **Key words:** Abrantes, sustainable planning, intellectual framework, holism, Biosphere 2, drainage basin, accounting for CO₂.

Indeed, during the phase of the preparation of the proposal – which was presented to the Education, Audiovisual and Culture Executive Agency (EACEA) from the European Commission – whole paragraphs of this thesis were extracted.

In any case, it is also relevant to present the observations/criticism that was written by Professor Architect Phil B. Hawes – the main advisor during the preparation and presentation of the mentioned thesis – in the above text, he mentions key aspects that were the differentiating factor for the selection by the jury of EACEA.

ANTONIO CASTELBRANCO PhD Thesis 4 December, 2009

Faculdade de Arquitectura Universidade Técnica de Lisboa

Ladies and gentlemen of the Jury, colleagues, and honored guests:

1) Good afternoon!
My name is Phil Hawes. I’m an architect and urban planner, and I’m Antonio Castelbranco’s Thesis Advisor. I

sincerely appreciate this opportunity to participate on his PhD proceedings, and to provide input supporting his Thesis. You’ve generously agreed to use English, and I today, and I want to reciprocate in a small way, by giving you a copy of my comments.

2) First, I confess that a huge part of my interest I have in Antonio’s Thesis, is my desire to discover techniques and models to actually apply to architectural and urban planning projects, that contribute to environmental and human Sustainability. For many years I’ve worked at integrating the best concepts I can find into real-life projects.

3) Before eight years working on the Biosphere 2 Project, I was privileged to spend thirteen years with a group of scientists, engineers, artists, and adventurers on projects of architectural and planning design, that always included the construction. The principle always followed was Sustainability.

4) When advising on his thesis, I of course brought with me my own prejudice, which is to always approach theories with the idea of finding potential uses in real life.

5) As I understanding of my role today it is:

- to defend the Thesis in its unique contribution,
- to comment on the validity of its ideas, and
- to help show the Thesis objective was reached.

This is a great pleasure, and I believe I will show both the value of the Thesis, and its importance for resolving difficult issues of Sustainability in Architecture and Urban Planning.

6) Antonio pointed out that the first question facing any community is its sustainability. Can it continue as a healthy, happy, and productive urban area into the indefinite future?

7) Next, Antonio looked for a key to show what brought humanity to our current position of worldwide non-sustainability, and he found that one outstanding cause is that, we have been relying too heavily on Scientific Reductionism to solve our problems, and it appears that this form of analysis has caused much of the fragmentation we are now experiencing.

8) This fragmentation has kept us from advancing in solving the very complex problems we face. Only in the last 70 years have we recognized that certain problems are more complex than ordinary scientific method can explore adequately, and some issues require the new tools, now being referred as “Holisitc”, or “Integrated Science”.

9) The word, “Holism” was created in 1926 by Jan Smuts, in his book, “Holism and Evolution”. Holism is “the tendency in nature to form wholes that are greater than the sum of the parts, through creative evolution.” Holism is also described as, “Small units must develop into bigger wholes, and they in their turn must grow into larger and ever-larger structures without ceasing, and this path brings. advancement.”

10) Holism basically recognizes the Complexity of the universe, the Earth, and of living systems, evolves new methods for understanding, it does not eliminate Scientific Reductionism, which served us for 400 years, and Reductionist is seen as absolutely necessary for examining the world. But, ordinary Scientific analysis cannot adequately address issues of Complexity.

11) Complex Systems, are extremely interesting, and we can use them in many practical ways, without having an understanding of how they function. This may be one of the reasons why they have been ignored until recently, when they started causing enough troubles that they could no longer be denied.

12) I initially found myself very confused by the multitude of threads Antonio was weaving into his Thesis. Then, it became clear that he was attempting the difficult task of integrating seemingly diverse themes into a Holistically related totality, which, through creative evolution could possibly grow into a whole system, greater than the sum of its parts.

13) Antonio is combining small architectural and planning pieces, and each solves a small problem, but when they are joined together, they become a Sustainable community; a life support system.

14) And how is this transformation achieved? Here are Examples of the Process:

First, The Biosphere 2 Project was assembled from Simple and Complex components, and all the parts acted itogether, and became a Sustainable life-support system, or a Holistic complexity, and the whole was

greater than just the sum of its parts.

#1) Take a Simple Idea, such as, “We will maintain a tropical temperature and humidity inside our Biosphere” Then add some physical components, such as pumps, valves, and pipes.

#2) Then add some Complex Systems, such as an artificial ocean with 1,200 living species of plants and animals.

Repeat this process as many times as you think is necessary, and you will produce Biosphere 3.

15) To produce an urban community with a higher level of Sustainability, and using Antonio’s Thesis as a guide, we also assemble Simple and Complex components where all the parts will act together and become a Sustainable life-support system, again a Holistic complexity, and the whole will be greater than just the sum of its parts.

#1) Take a Simple Idea, such as, “We will only use renewable methods for our community energy” Then add some physical components, such as wind generators and photovoltaic solar panels.

#2) Then add some Complex Systems, such as a voter-approved re-structuring of the local administration, to be based on Drainage Basins.

Repeat this process as many times as you think is necessary, and you will produce an urban community with a higher level of Sustainability, by using Antonio’s Thesis as your guide.

16) In both Examples, combining the Simple Iand Complex Systems, will probably result in a higher order of complexity, and a greater functional capability.

17) I concluded that this Thesis is not simply a paper focused on each of the separate themes discussed, but is a integrated Holistic model, capable of being used practically to further Sustainability in Architecture and Urban Planning.

18) I believe he has effectively combined synergistically and Sustainable the following:

- the historical causes of fragmentation.
- possibilities for dealing with complex environmental issues, using Holism, and its related concepts like: Systems Science, Emerging Properties, Synergetics, Ecosystems, etc.
- Integrated Science, used as an emerging companion of traditional Scientific Reductionism.
- a presentation of renewable energy tools to help escape the prison of CO₂.

- showing complex systems used as solutions to complex problems.
- to expose obsolete legal regulations, and promote laws that reinforce sustainable design.
- drawing together renewable energy systems.
- embracing CO₂ as tool for the architect and urban planner, when used as an indicator, and an emissions-absorptions balancer.
- promoting Drainage Basins as rational, manageable units of administration for water and other critical environmental issues.
- showing the possibilities of CO₂ as a trading currency, and community financing tool.

19) Antonio’s Thesis and its process is personally inspiring for me, and his approach will also be an inspiration to other designers who are open to advanced concepts.

20) Listed are practical applications of some Complex System that I have used in projects:

- Soil-Bed Reactors - for air and water purification.
- Bioremediation Wetlands - to purify sewage and other wastes, and to recycle nutrients to agriculture.
- Plant-Assemblies, with their resident bacteria - used for air purification.
- Structural Space-Frames - to distributing live and dead loads
- Algal Scrubbers - as salt and freshwater nutrient-extractors & concentrator.
- Environmental Cleanup System (ECS) - to eliminate pesticides, fungicides, and herbicides, and using biologic indicators as monitors.
- CO₂ Scrubbers - to sequester atmospheric CO₂ in CaCO₃.
- Integrated Pest Management (IPM) - using insect as predators and supplying them with ecosystems for support them through their life-cycles.

20) Antonio shows Drainage Basins to be the best choice for study areas. After choosing a Drainage Basin, it must be reviewed with respect to human activities that are common to most urban areas, such as:

- Fragmentation of: laws, utilities, transportation, land-patterns, social services, zoning, utilities, etc.
- Solar orientation data, to assist in designing buildings and urban areas for greater Sustainability
- Legal regulations, existing or desired, that affect Sustainable technology use, and relate to: water, sewage, renewable energy, materials and methods of construction, food production, transportation,

- urban planning, health, community finance, etc.
- 21) Antonio declares that developing Sustainable communities requires an indicator, and tool for Analysis, Accounting and Commerce. Such an objective measurement of value is needed if we wish to have a Sustainable Carbon based Currency, which is a currency we can use to purchase better health for the planet.
- 22) We can be sure that making CO₂ a trading commodity, will encourage people, and communities to reduce CO₂ for gain, personal, or for the community. This situation may change, but for now we can progress to:
- a. methods of measuring and calculating CO₂ emissions and sinks;
 - b. investigating reduction and sequestering technologies;
 - c. studying promising local materials, and construction methods, for urban design that reduces energy use and CO₂ output;
 - d. researching community financing and possibilities for generating local Carbon Credits, to sell on world markets, or locally by means of credit clearing systems within the Drainage Basin. (See Thomas Greco - books on the developing such currencies);
 - e. developing databases to guide reductions in CO₂ emissions;
 - f. using renewable energy sources and storage systems;
 - g. developing carbon-zero & carbon-negative goals, & eco-footprint.
- 23) There are many people working on solutions for environmental degradation, and no one knows all the answers.
- 25) Below are recommendations for goals I have generated using Antonio’s Thesis:
- a. design pedestrian oriented communities;
 - b. promote high population densities for lower development costs & CO₂ output (since population density is apparently inversely related to CO₂ production);
 - c. design compact mixed-use urban plans;
 - d. condensed urban plans provide easy access to natural environments;
 - e. local food production reduces CO₂ from transportation;
 - f. water resources, carefully allocated, protected, recycled, and recharged;
 - h. purify community biological wastes and return them to agriculture;
 - i. develop local renewable energy sources;

- j. use local building materials when possible;
- k. work to determine local shared sustainable values & goals;
- l. eliminate as much as possible fossil-fuel derived energy;
- m. use micro-climates and solar orientation in architecture and planning;
- n. promote transportation policies to reduce car use;
- o. use holistic methodology for community Sustainability decisions;
- p. do materials life-cycle analysis to measure and relate CO₂ goals;
- q. protect, restore, and maintain natural ecosystems;
- r. require pure air, water, food, and soil for the community;
- s. eliminate all pollution in excess of the natural systems’ capacity to purify;
- t. explore and apply various methods of reducing and sequestering CO₂;
- u. promote Carbon Credits as a means of community financing;
- v. select and implement non-CO₂-producing energy sources & storage;
- w. calculate the community’s ecological footprint, and establish goals for carbon neutral and carbon negative conditions.

26) Thank you again for this opportunity, and I welcome any comments you may have concerning my comments. require the new tools, now being referred as “Holisitc”, or “Integrated Science”.

From Professor Phil Hawes’ observations/criticism; perhaps, one of the most important is the need to overcome the reductionist view of our world and to adopt a more holistic attitude not just in terms of our relation with the biosphere, not just in terms of way we do science, but also in terms of the way we relate with each other at all levels be it at the global scale, at the international scale, at national or even at the regional scale. Indeed, one of the main objectives of the proposal of the TEMPO Project is to overcome fragmentation.

Writing & Preparing
the Application/Proposal

As mentioned, the basis of the theme for the proposal is the result of the mentioned PhD thesis. But, in order for the idea to be implemented, an opportunity was necessary. And in 2012, Professor Oksana Turchanina dedicated herself voluntarily to the preparation of the Application to the EACEA. It was a laborious work as it was the first time that we attempted to submit a proposal to the Education, Audiovisual and Culture Executive Agency (EACEA) in Brussels. This Agency is also responsible for the implementation of Higher Education strategy defined by the European Commission. In any case, at the start of the process there were no previous connections within the partnership (other than the Faculdade de Arquitectura and Donetsk National Technical University), Prof. Turchanina found and established contacts with all the partners, which was an essential keystone in the construction of the TEMPO Project proposal. The proposal was sent to Brussels in April 2102.

General introduction, shared objectives of the TEMPO project

The United Nations Decade (2005-2014) of Education for Sustainable Development (ESD) seeks to integrate the principles, values and practices of sustainable development into all aspects of education and learning: investing in ESD education is strategic for the future, and in some cases, a life-saving prescription ensuring long-term prosperity. Education for Sustainable Development will provide future leaders with better skills and competence to respond to the needs of today’s unsustainable world. In the same line, the European Union has put forth the programme “Europe 2020”, which is the EU’s growth strategy for the coming decade: in a changing world, EU needs to become a smart, sustainable and inclusive economy. These three mutually reinforcing priorities will help the EU deliver high levels of employment, productivity and social cohesion. In today’s world, the alignment of strategies and the incorporation of synergies are paramount. Thus we believe to have responded to the Erasmus Mundus’ objectives with our proposal: the Trans-European Mobility Project On Education for Sustainable Development – TEMPO – intends to ally the United Nations strategy of Education for Sustainable Development, the strategy of the programme “Europe 2020” with the Erasmus Mundus objectives for Mobility on Higher Education Institutions (HEI).

Institutional cooperation and geographical circumstances

For the achievement of these high-minded aims, the TEMPO partnership was created. Almost all these partners already have had the Erasmus Mundus (EM) experience before and were partners in other consortia that can be considered as a strong potential of this partnership to implement and foster institutional cooperation. Inviting a HEIs without EM history to the TEMPO Project will promote the European Higher Education System deeper and will arise the Erasmus Mundus network. From a geographical point of view, the TEMPO partnership is composed by Higher Education Institutions (HEI) in Portugal (Lisbon Technical University, University of Fernando Pessoa, Polytechnic Institute of Tomar), Spain (University of Alicante, University of A Coruña, University of Cordoba), Italy (Polytechnic University of Milan, University of Pavia, Polytechnic University of Turin) and Third country universities in Armenia (Gavar State University, State Engineering University of Armenia), Azerbaijan (Azerbaijan University of Architecture and Construction, Baku State University), Belarus (Brest State Technical University, Belarusian National Technical University), Georgia (Georgian Technical University), Moldova (Alecu Russo Balti State University) and Ukraine (Donetsk National Technical University, Donbas National Academy of Civil Engineering and Architecture, National Technical University of Ukraine “Kiev Polytechnic Institute”). In reality, this corresponds to an axis of 5000 km that runs from the Atlantic Ocean through the Mediterranean and Black Seas all the way to the Caspian Sea. Its objective is to promote a Trans-European exchange of culture, higher education, research experience, know-how and management between the Higher Education Institutions in accordance with the objectives of the Erasmus Mundus (EM) Programme.

European Union:
Portugal, Spain, Italy

Third countries (lot 5):
Armenia, Azerbaijan,
Belarus, Georgia,
Moldova, Ukraine



Previous experience, logical developments and thematic needs

Many TEMPO partnership’s members have a long tradition in cooperation between EU and lot5 countries that has been based mainly on bilateral agreements. Since 2008, the Faculty (College) of Architecture of Lisbon Technical University (Portugal) and Donetsk National Technical University (Ukraine) have research agreements in the areas of reduction, capture and storage of Green House Gas emissions, and in Sustainable Territorial Planning on the basis of a transdisciplinary approach. Thus the TEMPO project application to the Erasmus Mundus Programme is now a result of this experience. In addition, the Partners from the European Union (Portugal, Spain and Italy) have had a long experience in terms of architecture, urban planning, engineering and natural sciences that could now be shared with the East European and Caspian Partners.

The TEMPO project intends to promote a Trans-European exchange of knowledge, experience and management and to establish cooperation ties of Higher Education Institutions between the European Union and the third countries of lot 5 (Armenia, Azerbaijan, Belarus, Georgia, Moldova, and Ukraine). To make the collaboration more effective, the TEMPO programme is going to focus on general areas of architecture, urban/regional planning, and following a multidisciplinary concept, will also have an emphasis in the areas of:

- Transport and traffic studies.
- Chemistry.
- Biology.
- Chemical engineering (others - engineering, technology).
- Environmental sciences and ecology.
- Business studies, management science.

On a higher conceptual level, we need to consider that our dependence on the Biosphere, and the complexity its natural and human interconnections, explain the involvement and importance of these strategic thematic fields. As they are all, in one way or another, contributing to the emission/absorption of Green House Gases, and thus the need for the searching for green theoretical/technical solutions, sustainable decisions for the future development and Global warming mitigation. The involvement of these strategic and actual areas of study/research will contribute towards achieving the practical results in terms of a more sustainable land use, better constructions and transport systems; in sum, a healthier environment and better quality of life, and also to the achievement of sustainable development of the countries covered by TEMPO Partnership.

The wide spectre of the thematic fields requires the appropriate partner composition. In the case of the TEMPO partnership, all the

involved HEIs were carefully selected by having matching university curricula. Therefore, every student/staff for its mobility will always have a choice of country and university to go and will be expected to be distributed in the following fields of study/research:

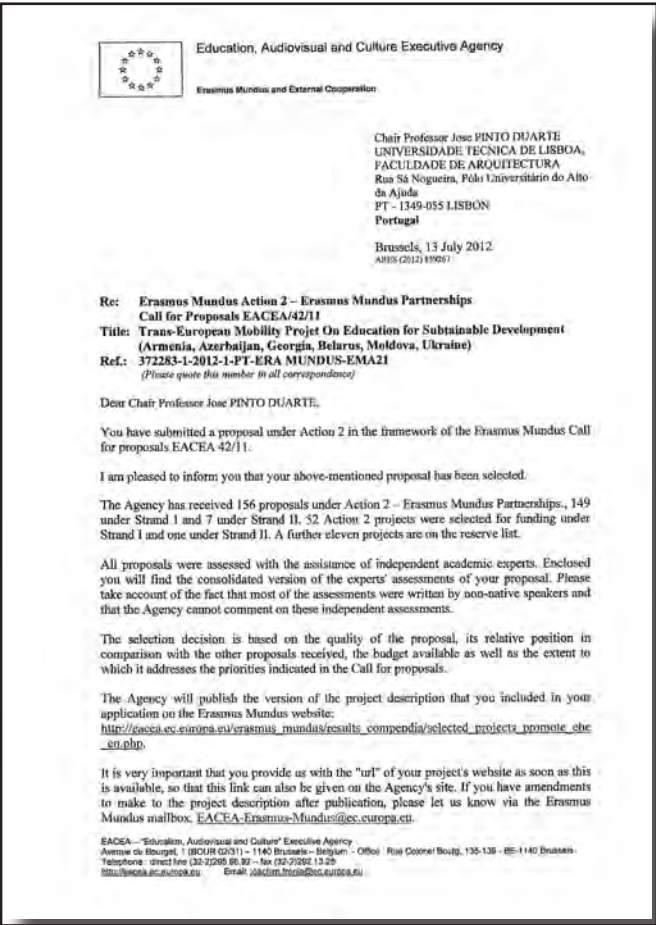
- 02 Architecture, Urban/Regional Planning
- 04 Business Studies, Management Science
- 06 Engineering, Technology
- 07 Geography, Geology
- 13 Natural Sciences

University, Country	02	04	06	07	13
Lisbon Technical University, Portugal	X	X	X	X	
Polytechnic University of Milan, Italy	X		X		
University of Pavia, Italy	X	X	X	X	X
Polytechnic University of Turin, Italy	X	X	X	X	
Polytechnic Institute of Tomar, Portugal			X	X	
University of Fernando Pessoa, Portugal		X	X	X	
University of Alicante, Spain	X		X	X	X
University of Cordoba, Spain			X	X	X
University of A Coruña, Spain		X	X	X	X
Gavar State University, Armenia		X	X	X	X
State Engineering University of Armenia, Armenia	X		X	X	X
Azerbaijan University of Architecture and Construction	X		X		
Baku State University, Azerbaijan			X	X	X
Belarussian National Technical University, Belarus	X	X	X	X	
Brest State Technical University, Belarus	X		X	X	X
Georgian Technical University, Georgia	X	X	X		X
Alecu Russo Balti State University, Moldova		X	X	X	X
Donetsk National Technical University, Ukraine		X	X	X	X
Donbas National Academy of Civil Engineering and Architecture, Ukraine	X	X	X	X	
National Technical University of Ukraine “KPI”, Ukraine			X	X	X

On the other hand, the involvement of these thematic fields is based on detected essential necessities of the third countries of lot 5 and their HEIs in two general areas. One which results from an environmentally unfriendly, Soviet style urban development model; and the other which results from outdated research methods on these areas combined with obsolete equipment at the level of HEIs. The Soviet urban model is lacking in human comfort, sustainability, and environmental integration. But as the cities of the former Soviet Republics develop and prosper, it is imperative that (third country) urban planners, architects, engineers and researchers be aware of the mistakes - in terms of urban development, architecture, engineering/technology and environmental protection - that were committed in the West as to avoid them. In addition, they must be prepared to implement sustainable design strategies that will take into account the reduction of the ecological footprint of their design solutions. As far as obsolete equipment is concerned, it has been gathered from several HEIs of the lot 5 that their laboratories are fitted out with equipment that dates back to the 1970’s, and that their researchers are in great need to be acquainted with more recent technologies and methods. Therefore, as a response to these needs, the TEMPO project aims at promoting institutional cooperation on the level of Higher Education and management. Thus, a selection of institutional partners was carried out in order to fulfill the needs of third countries and the requests that they already expressed. The TEMPO partnership combines the European Architecture, Engineering and Natural Science HEIs and the corresponding Third Countries HEIs. This factor of correspondence in the thematic fields between the partners, will promote the efficient implementation of mobility and sustainable knowledge/ research exchange. It is expected that these academic connections will also have the potential to develop into mutually beneficial business transactions, which will in turn help to ensure the sustainability of the TEMPO Project.

Table – TEMPO project’s planned mobility distribution

Mobility Type	Distribution %	Total		European Union		Third Countries (lot 5)	
		Persons	Months	Persons	Months	Persons	Months
Undergraduates	27	57	490	11	90	46	400
Master	25	53	620	10	96	43	524
Doctorates	19	41	656	11	110	30	546
Post Doc	10	21	126	6	36	15	90
Staff	19	40	57	12	16	28	41
TOTAL	100	212	1949	50	348	162	1601



The planned mobilities for the TEMPO project are presented in the above table. The final result of these mobilities is presented in the next Chapter II and Chapter III of this report. In July 2012, we received the answer from the Agency stating that the TEMPO Project had been awarded a 3.5 million euro grant.

In this document, it is stated that there were 156 proposals submitted to the Agency in Brussels; however, only 52 (Action II) proposals were selected. It also stated that:

- “...**The quality of the submitted project is good in many aspects**, including, in particular, the description of the overall organization of mobility and the selection process, evident cost-effectiveness of mobility flows and quality assurance measures.
- ...**The thematic fields are very interesting** and can have an impact not only on the participants in the mobility but also on their societies, as they can contribute to improving the current situation in the Third countries in several aspects, as a consequence of the exposure to new systems and approaches”.
Evaluation Report of EACEA Agency, EU

In any case, there was about a 30% probability of being awarded a grant. However, this was the very first time that the Faculdade de Arquitectura was applying for the coordination of such a large project.

On the other hand, many of the Higher Education Institutions (HEIs) that were competing had either been coordinators in previous projects, or had already presented projects in previous EACEA calls.

But as mentioned by the Head of Unit, Dr. Joachim Fronia, during the Coordinator’s Conference, it is very uncommon for a HEI to be awarded a grant at the first attempt.

The Coordinators’ Meeting Brussels



The 2012 Erasmus Mundus Coordinators’ Conference was held in Brussels on 20 and 21 September 2012. All projects newly selected under the 2012 Call for Proposals were invited.

Agenda for the conference

- Introduction to project management for newly selected projects
- Chance to meet Agency staff (bilaterals)
- Chance to meet other EM projects Focus on challenges of managing EM projects

Conference structure:

- Management sessions with other projects selected under your Action
- Opportunities for networking during the day, and at the dinner

Conference structure:

- Bilateral sessions for Action 1 & Action 2 projects
- In parallel, workshops on key topics to share information and experience Afternoon
- Presentations on EM associations, Erasmus for All
- Presentation of EM plaques

Regional Priorities for 2011-2013 towards the Eastern Neighbours

Defined in the ENPI Region East Strategy Paper and Indicative Programme;

- Are budget made available following the ENP Communication;
- Indicative budget repartition between priorities:
- Democracy, good governance and stability: 30%

- Economic Development: 20%
 - Climate change, energy, environment: 25% o Advancing integration with the EU and regional cooperation: 25%
- Participants:
- Project coordinators & partners of projects selected in 2012
 - European Commission, EU Delegations, Erasmus Mundus National Structures, EMA, and Agency Staff (in: http://eacea.ec.europa.eu/erasmus_mundus/events/coordinators_conference_2012_en.php)



Coordinators meeting in Brussels 2012

The Kick-off Meeting, Donetsk October 2012

The Kick off meeting was held in Donetsk, Ukraine in October 2012, all TEMPO Project partners were present, and it allowed for the partners in the TEMPO Project to get acquainted and align the strategies for its complex implementation.



List of planned Partnerships’ Meetings for the Academic Year 2012-2013

Kick-off meeting of the TEMPO partners

Erasmus Mundus Action 2

Institution: Lisbon Technical University, Faculty of Architecture Strand 1 Lot 5

Location (University, City and Country)	Date	Participants	Aim of the Meeting (short description of the expected outcomes)
Donetsk National Technical University, Donetsk, Ukraine	31st of Oct. to 2nd of Nov. 2012	Faculty of Architecture (Portugal), Polytechnic Institute of Tomar (Portugal), University of Fernando Pessoa (Portugal), University of Alicante (Spain), University of A Coruña (Spain), University of Cordoba (Spain), Polytechnic University of Milan (Italy), University of Pavia (Italy), Polytechnic University of Turin (Italy), Gavar State University (Armenia), State Engineering University Of Armenia, (Armenia) Azerbaijan University of Architecture and Construction, (Azerbaijan) Baku State University (Azerbaijan), Belarusian National Technical University (Belarus), Brest State Technical University (Belarus), Georgian Technical University (Georgia), Alecu Russo Balti State University (Moldova), Donbas National Academy of Civil Eng. and Architecture (Ukraine), Donetsk National Technical University (Ukraine), National Technical University of Ukraine “Kiev Polytechnic Institute” (Ukraine).	1 – Presentation of the Erasmus Mundus Programme by the Education, Audiovisual and Culture Executive Agency’s representative (to be appointed). 2 – PPt. presentations by each of the TEMPO partner of their respective HEI and thematic fields for planned mobilities. 3 – Possible participation of the European Union delegates’ and the Ambassadors/Consuls for helping to further the dissemination of the project’s goals and activities. 4 – Presentation and discussion of the TEMPO Project functioning structure such as the: Promotion Campaign, Application Form Submission, Selection Procedure, Organisation/implementation of Mobility. 5 – Multilateral recognition of studies: Learning Agreement, Student Agreement, and Transcript of Records. 6 – Establishment of the Management Council and Eligibility/Evaluation Council. 7 – Entry into force/implementation of the Memorandum of Understanding.



The kick off meeting, Donetsk, October 2012

Following the The Kick-off meeting, the process of promotion of the TEMPO Project, was started. We designed a web page, developed an application guide line, and opened the call for students to apply. It was important to briefly describe the project, the partners and the types of grants available (see in following page).



TEMPO

TRANS-EUROPEAN MOBILITY PROJECT ON EDUCATION FOR SUSTAINABLE DEVELOPMENT

project is funded by **Erasmus Mundus** programme of the **European Union**

**Come and study in the European Union –
enrich your education and prepare yourself for the FUTURE.**

The TEMPO project is a Higher Education experience - funded by the European Union - for the exchange of knowledge in the areas of:

- 02 Architecture, Urban/Regional Planning,
- 04 Business Studies, Management Science,
- 06 Engineering, Technology,
- 07 Geography, Geology (Environmental Science),
- 13 Natural Sciences.

Participate and earn your scholarship to come learn at the universities of **Italy, Portugal, and Spain.**

Mobility types:	Monthly allowances
Undergraduate	1000€
Master	1000€
Doctorate	1500€
Post-doc	1800€
Staff	2500€

In addition, your scholarship also includes travel costs, tuition and health insurance.

If you speak English (or Italian, or Portuguese, or Spanish), and are interested to be part, of the TEMPO Project, please apply from the **15th of October to the 15th of December of 2013** using **<http://tempo.fa.utl.pt>**

The first Eligibility/Evaluation Council’s Meeting

The first Eligibility/Evaluation Council’s meeting was held in Lisbon on the 21st and 22nd of May, at the Faculty of Architecture, of Technical University of Lisbon.

The Eligibility/Evaluation Council’s composition (according to §2.5 of the MoU):

- 1 - Project Coordinator - Prof. António Castelbranco
- 2 - Project Joint Coordinator - Prof. Oksana Turchanina
- 3 - Associated Partner (CIAUD) - Prof. Fernando Moreira da Silva
- 4 - Assoc. Partner Calouste Gulbenkian Foundation - Dr. Raszmik Panossian
- 5 - University of Coruña (Spain) - Prof. Fernando Peña
- 6 - National Technical University of Ukraine “Kiev Polytechnic Institute” (Ukraine) - Prof. Oleksii Zhuchenko
- 7 - Coordinator of another Erasmus Mundus project “EMMA” - Prof. José Carlos Tiago Oliveira, University of Évora.

The agenda for the meeting was the following:

- 1 - To evaluate the Application procedure
- 2 - To approve the final and reserve list for the First Cohort candidates
- 3 - To approve eventual further procedures for the start of mobilities (Student Agreement, Learning Agreement, insurance, visa, travel tickets).

On the first day, the Council analyzed all 205 applications, and established the final and reserve list for the First Cohort of the TEMPO Project. During the analysis of the staff applications, António Castelbranco exited the room as to allow the Council autonomy in the selection the for this type of mobility. The Council decided to approve 131 applications, to put on the reserve list 55 applications, to non-select 18 applications and one application was cancelled (total of 206 applications).

The second Eligibility/Evaluation Council’s Meeting

The second Eligibility/Evaluation Council’s meeting was held in Lisbon on the 25th and 28th of March 2014, at the Faculty of Architecture, of the University of Lisbon.

The Eligibility/Evaluation Council’s composition (according to §2.5 of the MoU):

- 1 - Project Coordinator - Prof. António Castelbranco
- 2 - Project Joint Coordinator - Prof. Oksana Turchanina
- 3 - Associated Partner (CIAUD) - Prof. Fernando Moreira da Silva
- 4 - Assoc. Partner Calouste Gulbenkian Foundation - Dr. Raszmik Panossian
- 5 - University of Coruña (Spain) - Prof. Fernando Peña
- 6 - National Technical University of Ukraine “Kiev Polytechnic Institute” (Ukraine) - Prof. Oleksii Zhuchenko
- 7 - Coordinator of another Erasmus Mundus project “EMMA” - Prof. José Carlos Tiago Oliveira, University of Évora.

The agenda for the meeting was the following:

- 1 - To evaluate the Application procedure.
- 2 - To approve the final and reserve list for the Second Cohort candidates.

On the first day, the Council analyzed all 474 applications (an almost 2,5 fold increase in comparison to the previous year), and established the final and reserve list for the Second Cohort of the TEMPO Project. The Council decided to approve 100 applications, to put on the reserve list 186 applications, to the non-select list 188 applications. This was the last meeting of the Eligibility/Evaluation Council, as all 212 scholarships were granted.

II TEMPO
OUTCOME PER STUDENT

II Outcome per grantee

UNDERGRADUATES

	Name, Surname	Nationality	Host HEI	Duration of Mobility	ECTS credits gained	Thematic field	Diploma / Degree obtained	Article (name, authors)	Conference participation (name, place, title)	Books published	Awards / Prizes
001	CANO DOMÍNGUEZ María Isabel	Spain	Alecu Russo Balti State University (Moldova)	5 months	32 ECTS	Architecture					
002	COLOM JOVER Francisco	Spain	Azerbaijan Univ. of Architecture and Construction (Azerbaijan)	5 months	35 ECTS	Architecture			Mediterranean versus Caspian seas, in the Azerbaijan University of Architecture and Construction	Mediterranean versus Caspian	1.-He worked as a professor of Bachelor degree and in a local architecture office 2.-He wrote a blog http:// newbaku. tumblr.com
003	MERELAS MEIJIDE Belén	Spain	Baku State University (Azerbaijan)	6 months	28 ECTS	Biology					
004	ROMERO VIDAL Pedro	Spain	Baku State University (Azerbaijan)	6 months	28 ECTS	Biology					
005	MASSFELLER Romy	Spain	Baku State University (Azerbaijan)	10 months	25 ECTS	Biology					
006	NUÑEZ GARCIA Adrian	Spain	Gavar State University (Armenia)	6 months	30 ECTS	Economics and Business					
007	CORGO FERNANDEZ Manuel	Spain	Gavar State University (Armenia)	6 months	30 ECTS	Economics and Business					

	Name, Surname	Nationality	Host HEI	Duration of Mobility	ECTS credits gained	Thematic field	Diploma / Degree obtained	Article (name, authors)	Conference participation (name, place, title)	Books published	Awards / Prizes
008	JANA Hajer	Italian	Azerbaijan Univ. of Architecture and Construction (Azerbaijan)	6 months	28 ECTS	Architecture					
009	AVETISYAN Tatevik	Armenia	Politecnico di Milano (Italy)	10 months	6 ECTS	Telecom- munication Engineering					
010	KHACHIKYAN Silva	Armenia	University of Pavia (Italy)	10 months	10 ECTS	Business Studies, Management Science					
011	KOSTENKO Michail	Ukraine	Polytechnic Institute of Tomar (Portugal)	10 months	24 ECTS	Chemical Engeneering					
012	BARSEGHYAN Grisha	Armenia	Politecnico di Torino (Italy)	10 months	6 ECTS	Telecom- munication Engineering					
013	SINANYAN Areg	Armenia	University of A Coruña (Spain)	6 months	36 ECTS	Economics and Business					
014	SOTNIK Aliaksandra	Belarus	University of Fernando Pessoa (Portugal)	5 months	29 ECTS	Business Studies					
015	KARDZIALIUK Volha	Belarus	University of Fernando Pessoa (Portugal)	5 months	24 ECTS	Business Studies					
016	MANDZIK Daria	Belarus	Faculty of Architecture, Lisbon University (Portugal)	10 months	54,5 ECTS	Architecture					

	Name, Surname	Nationality	Host HEI	Duration of Mobility	ECTS credits gained	Thematic field	Diploma / Degree obtained	Article (name, authors)	Conference participation (name, place, title)	Books published	Awards / Prizes
017	AZIZOVA Ayla	Azerbaijan	Faculty of Architecture, Lisbon University (Portugal)	10 months	20,5 ECTS	Architecture					
018	KOTOLKYAN Rima	Armenia	University of Pavia (Italy)	6 months	28 ECTS	Business Studies, Management Science					
019	DENISENKO Valeria	Ukraine	Polytechnic Institute of Tomar (Portugal)	10 months	35,5 ECTS	Chemical Engeneering					
020	KULCHENKO Yaroslava	Ukraine	Polytechnic Institute of Tomar (Portugal)	10 months	35,5 ECTS	Chemical Engeneering					
021	DAMIRZADE Salim	Azerbaijan	Faculty of Architecture, Lisbon University (Portugal)	10 months	19 ECTS	Architecture					
022	AGAZADE Rahila	Azerbaijan	University of A Coruña (Spain)	6 months	36 ECTS	Biology					
023	KRAVCHENKO Viktoriia	Ukraine	Alicante University (Spain)	6 months	17,62 ECTS	Urban/ Regional Planning	Spanish course				
024	KRYVETSKAYA Alena	Belarus	University of A Coruña (Spain)	6 months	18 ECTS	Natural Sciences					
025	BABAZADE Sultan	Azerbaijan	University of Pavia	5 months	30 ECTS	Architecture					

	Name, Surname	Nationality	Host HEI	Duration of Mobility	ECTS credits gained	Thematic field	Diploma / Degree obtained	Article (name, authors)	Conference participation (name, place, title)	Books published	Awards / Prizes
026	HAKOBYAN Telman	Armenia	Polytechnic Institute of Tomar (Portugal)	10 months	48 ECTS	Electrical Engeneering					
027	MAKEICHYK Aliaksandra	Belarus	Belarusian National Technical University (Belarus)	10 months	57 ECTS	Architecture					
028	HALAVAN Anton	Belarus	University of A Coruña (Spain)	5 months	18 ECTS	Economics and Business					
029	ID 58	Armenia	Politecnico di Torino (Italy)	10 months	26 ECTS	Computer Engineering					
030	RADCHUK Maryna	Belarus	University of A Coruña (Spain)	6 months	18 ECTS	Economics and Business					
031	BUBNEVICH Yulia	Belarus	Belarusian National Technical University (Belarus)	10 months	58 ECTS	Architecture					
032	CHEREMUCHINA Aleksandra	Belarus	Politecnico di Torino (Italy)	10 months	34 ECTS	Architecture					
033	KUNDZELSKAYA Olga	Belarus	Faculty of Architecture, Lisbon University (Portugal)	10 months	52,5 ECTS	Architecture					
034	GRINEVITCH Anastasiya	Belarus	University of Fernando Pessoa (Portugal)	5 months	27 ECTS	Business Studies, Management Science					

	Name, Surname	Nationality	Host HEI	Duration of Mobility	ECTS credits gained	Thematic field	Diploma / Degree obtained	Article (name, authors)	Conference participation (name, place, title)	Books published	Awards / Prizes
035	ID 75	Georgia	University of Alicante (Spain)	10 months	39 ECTS	Computer Science	1.-The economy of the European Union: characteristics, economic structure and institution 2.- Economic analysis of the company organization 3.- Futures thinking and innovation 4.- Spanish language course (2)				
036	EYYUBOVA Gunay	Azerbaijan	Faculty of Architecture, Lisbon University (Portugal)	10 months	21 ECTS	Architecture					
037	MAMMADZADA Zarif	Azerbaijan	University of Alicante (Spain)	10 months	15 ECTS	Architecture	Spanish courses (2)				
038	DALMATAVA Aliaksandra	Belarus	Belarusian National Technical University (Belarus)	10 months	72 ECTS	Architecture					
039	AVETISYAN Mariam	Armenia	University of Pavia (Italy)	10 months	12 ECTS	Business Studies, Management Science					
040	ZANOUSKI Aliaksei	Belarus	University of Alicante (Spain)	10 months	38,74 ECTS	Architecture	Spanish courses (2)				
041	ABDULLAYEV Tofig	Azerbaijan	Faculty of Architecture, Lisbon University (Portugal)	10 months	10,5 ECTS	Architecture					

	Name, Surname	Nationality	Host HEI	Duration of Mobility	ECTS credits gained	Thematic field	Diploma / Degree obtained	Article (name, authors)	Conference participation (name, place, title)	Books published	Awards / Prizes
042	MARoz Veranika	Belarus	University of Alicante (Spain)	10 months	33,74 ECTS	Architecture	Spanish courses (2)				
043	DUBINA Julia	Belarus	Faculty of Architecture, Lisbon University (Portugal)	10 months	54,5 ECTS	Architecture					
044	OMETSYNSKA Anastasiia	Ukraine	University of Fernando Pessoa (Portugal)	10 months	42 ECTS	Business Studies					
045	ASLANOVA Sabina	Azerbaijan	University of A Coruña (Spain)	6 months	12 ECTS	Biology					
046	GULENKO Maksym	Ukraine	Polytechnic Institute of Tomar (Portugal)	10 months	54 ECTS	Chemical Engineering					
047	YANCHENKO Yuliia	Ukraine	Polytechnic Institute of Tomar (Portugal)	10 months	68 ECTS	Chemical Engineering					
048	PAVELKO Valeriya	Ukraine	University of Alicante (Spain)	5 months	23 ECTS	Architecture	Spanish course				
049	PYLYPENKO Nina	Ukraine	University of Fernando Pessoa (Portugal)	10 months	42 ECTS	Business Studies					
050	RAHIMLI Maryam	Azerbaijan	University of Alicante (Spain)	10 months	42 ECTS	Architecture	Spanish course				

	Name, Surname	Nationality	Host HEI	Duration of Mobility	ECTS credits gained	Thematic field	Diploma / Degree obtained	Article (name, authors)	Conference participation (name, place, title)	Books published	Awards / Prizes
051	ABBASOV Murad	Azerbaijan	Faculty of Architecture, Lisbon University (Portugal)	10 months	14 ECTS	Architecture					
052	SHIRIN Konul	Azerbaijan	Politecnico di Milano (Italy)	10 months	70 ECTS	Architecture					
053	ALIYEV Ahad	Azerbaijan	Faculty of Architecture, Lisbon University (Portugal)	10 months	3,5 ECTS	Architecture					
054	ABASOVA Nargiz	Azerbaijan	Politecnico di Milano (Italy)	10 months	70 ECTS	Architecture					
055	CHKHIKVADZE Tamari	Georgia	University of Fernando Pessoa (Portugal)	10 months	21 ECTS	Political Science and International Relations					
056	SOPIO Zubadalashvili	Georgia	University of Fernando Pessoa (Portugal)	10 months	36 ECTS	Political Science and International Relations					
057	VARFALAMEYEVA Katsiaryn	Belarus	Faculty of Architecture, Lisbon University (Portugal)	10 months	39,5 ECTS	Architecture					
058	HOLUB Darya	Belarus	Faculty of Architecture, Lisbon University (Portugal)	10 months	40,5 ECTS	Architecture					

	Name, Surname	Nationality	Host HEI	Duration of Mobility	ECTS credits gained	Thematic field	Diploma / Degree obtained	Article (name, authors)	Conference participation (name, place, title)	Books published	Awards / Prizes
059	PLATONAVA Vera	Belarus	Faculty of Architecture, Lisbon University (Portugal)	10 months	39 ECTS	Architecture					
060	SHKNAI Pavel	Belarus	Faculty of Architecture, Lisbon University (Portugal)	10 months	46,5 ECTS	Architecture					3rd place on the contest “Flash Competition” from Roca Gallery
061	BAHATKINA Hanna	Belarus	Faculty of Architecture, Lisbon University (Portugal)	10 months	15,5 ECTS	Architecture					
062	MARIAM Stepanyan	Armenia	Faculty of Architecture, Lisbon University (Portugal)	10 months	60 ECTS	Architecture					
063	BARYSAVA Volha	Belarus	University of A Coruña (Spain)	6 months	12 ECTS	Economics and Business					
064	HUSEYNOVA Aysel	Azerbaijan	University of Cordoba (Spain)	10 months	60 ECTS	Languages & B.A.					
065	HOVHANNISYAN Sargis	Armenia	Polytechnic Institute of Tomar (Portugal)	10 months	44 ECTS	Chemical Engeneering					
066	SAHAKYAN Shiraz	Armenia	University of A Coruña (Spain)	10 months	39 ECTS	Languages					

	Name, Surname	Nationality	Host HEI	Duration of Mobility	ECTS credits gained	Thematic field	Diploma / Degree obtained	Article (name, authors)	Conference participation (name, place, title)	Books published	Awards / Prizes
067	TARJUMANYAN Ani	Armenia	Faculty of Architecture, Lisbon University (Portugal)	10 months	60 ECTS	Architecture					
068	MATCHAN Hanna	Belarus	Alicante University (Spain)	5 months	23 ECTS	Architecture					
069	PANTSULAIA Nana	Georgia	University of A Coruña (Spain)	10 months	28,5 ECTS	Economics and Business					
070	GIORBELIDZE Anna	Georgia	University of A Coruña (Spain)	10 months	28,5 ECTS	Economics and Business					

MASTER GRANTEES

	Name, Surname	Nationality	Host HEI	Duration of Mobility	ECTS credits gained	Thematic field	Diploma / Degree obtained	Article (name, authors)	Conference participation (name, place, title)	Books published	Awards / Prizes
071	MATEUS FERREIRA Joana	Portugal	Brest State Technical University (Belarus)	6 months	30 ECTS	02 Architecture, Urban and Regional Planning					
072	CRUZ SANTOS Carlos Filipe	Portugal	Brest State Technical University (Belarus)	6 months	30 ECTS	02 Architecture, Urban and Regional Planning					
073	FERREIRA João	Portugal	Brest State Technical University (Belarus)	6 months	30 ECTS	02 Architecture, Urban and Regional Planning					

	Name, Surname	Nationality	Host HEI	Duration of Mobility	ECTS credits gained	Thematic field	Diploma / Degree obtained	Article (name, authors)	Conference participation (name, place, title)	Books published	Awards / Prizes
074	CARRILLO ANDRADA José António	Spain	Azerbaijan Univ. of Architecture and Construction (Azerbaijan)	10 months	18 ECTS	Architecture			Mediterranean versus Caspian seas, in the Azerbaijan University of Architecture and Construction	Mediterranean versus Caspian	1.-He worked as a professor of Bachelor degree and in a local architecture office 2.-He wrote a blog http://newbaku.tumblr.com/
075	MACHO REYES Rafael Diego	Spain	National Polytechnic University of Armenia (Armenia)	10 months	60 ECTS	Bio- technology			Armenia Model EU Youth Conference (AMEU), Yerevan (Armenia). 8-9/11/2014 Oral presentation at International Youth Conference "Innovation approaches in Science" Tsaghkadzor (Armenia), 5-7/12/2014		
076	ARUTIUNOV Dmytro	Ukraine	University of Cordoba (Spain)	10 months	60 ECTS	Natural Resources	Master's Degree in Global Change: Natural Resources and Sustainability	Master Thesis: "Resistencia de pseudomonas pseudoalcaligenes CECT5344 a arsénmico y mercurio: relación con la asimilación de cianuro", December 2014, University of Cordoba			
077	ABBASOV Orkhan	Azerbaijan	Faculty of Architecture, Lisbon University (Portugal)	22 months	99,5 ECTS	Architecture					

	Name, Surname	Nationality	Host HEI	Duration of Mobility	ECTS credits gained	Thematic field	Diploma / Degree obtained	Article (name, authors)	Conference participation (name, place, title)	Books published	Awards / Prizes
078	ANIKIN Ievgen	Ukraine	University of Alicante (Spain)	6 months	23 ECTS	Civil Engineering	Spanish language course				
079	HALAI Tatsiana	Belarus	University of Fernando Pessoa (Portugal)	22 months	120 ECTS	Business Studies, Management Science	Master in Business Sciences				
080	SARGSYAN Gevorg	Armenia	University of Alicante (Spain)	22 months	168,5 ECTS	Tourism	1.- Proceso colaborativo, mediación, arbitraje o litigio. La elección del método adecuado 2.- Derecho del turismo europeo e internacional 3.-Nuevos retos de seguridad en la unión europea: terrorismo y delincuencia org 4.- La reforma fiscal y los derechos de los contribuyentes 5.- La reforma de la justicia penal 6.- psicología y conducta criminal 7.- The economy of the European Union: characteristics, economic structure and institution 8.- Human resources management 9.- Retail marketing: new perspectives 10.- Global issues on quality and environmental management 11.- Economic analysis of the company internalization 12.- Summer business program 13.- Spanish course 14.- English course Master degree		1.-Innovación y competitividad en áreas turísticas 2.-Religius heritage and tourism: types, trends and challenges.		

	Name, Surname	Nationality	Host HEI	Duration of Mobility	ECTS credits gained	Thematic field	Diploma / Degree obtained	Article (name, authors)	Conference participation (name, place, title)	Books published	Awards / Prizes
081	ADAMASHVILI Nino	Georgia	Politecnico di Torino (Italy)	10 months	46 ECTS	Engineering and Management					
082	SHURADZE Vasil	Georgia	Faculty of Architecture, Lisbon University (Portugal	22 months	46 ECTS	Architecture					
083	MUSAYEVA Leyla	Azerbaijan	University of Alicante (Spain)	22 months	84 ECTS	Architecture	Spanish courses (5) Master degree		Seminario de investigación tutorizado in Alicante University		
084	ALEXEYEV Artyom	Ukraine	Politecnico di Torino (Italy)	10 months	36 ECTS	Mechanical Engineering					
085	AYVAZYAN Lusine	Armenia	Politecnico di Torino (Italy)	10 months	44 ECTS	Computer and Com- munication Networks Engineering					
086	BUTUZOV Dmytro	Ukraine	Lisbon University (Portugal)	22 months	120 ECTS	Trade, Marketing and Sales Management	Master Degree				
087	ULASENKA Alena	Belarus	University of Alicante (Spain)	10 months	48 ECTS	Electrical Engineering	1.- Entrepren- eural initiative: starting and running a business 2.-Spanish courses (5) 3.- English courses (2)				

	Name, Surname	Nationality	Host HEI	Duration of Mobility	ECTS credits gained	Thematic field	Diploma / Degree obtained	Article (name, authors)	Conference participation (name, place, title)	Books published	Awards / Prizes
088	KRYVENKO Kateryna	Ukraine	University of Alicante (Spain)	6 months	17 ECTS	Architecture	Spanish course				
089	KLYMENKO Iryna	Ukraine	University of Alicante (Spain)	6 months	17 ECTS	Architecture	Spanish course				
090	MAZAIIEVA Tetiana	Ukraine	University of Cordoba (Spain)	10 months	60 ECTS	Natural Resources	Master's Degree in Global Change: Natural Resources and Sustainability	Master Thesis: "Implantación del software PowerStudio SCADA en Palacio de Congresos de Granada para la gestión de la energía eléctrica.", January 2015, University of Cordoba			
091	JAFAROVA Ulviyya	Azerbaijan	University of Pavia (Italy)	10 months	51 ECTS	Biology, Molecular Biology and Genetics					
092	BROKH Daniil	Ukraine	Politecnico di Milano (Italy)	10 months	10 ECTS	Engineering					
093	HOVSEPYAN Marianna	Armenia	Politecnico di Torino (Italy)	10 months	44 ECTS	Computer and Com- munication Networks Engineering					

	Name, Surname	Nationality	Host HEI	Duration of Mobility	ECTS credits gained	Thematic field	Diploma / Degree obtained	Article (name, authors)	Conference participation (name, place, title)	Books published	Awards / Prizes
094	PETSKOVA Oksana	Ukraine	University of Cordoba (Spain)	10 months	60 ECTS	Natural Resources	Master's Degree in Global Change: Natural Resources and Sustainability	Master's Degree in Global Change: Natural Resources and Sustainability	Master Thesis: "Mejora del sistema de monitorización y ampliación de sus funciones para la reducción del consumo energético en el Palacio de Congresos de Granada", January 2015, University of Cordoba		
095	STROKAN Viktoriia	Ukraine	University of Pavia (Italy)	10 months	60 ECTS	Linguistic					
096	SHYKHMURADAU Emil	Belarus	University of Alicante (Spain)	10 months	39 ECTS	Electrical Engineering	1.- Human resources management 2.- Entrepren- eural initiative: starting and running a business 3.- Spanish language course 4.- English course				
097	NERING Rikhard	Armenia	University of Pavia (Italy)	10 months	42 ECTS	International Business and Economics					
098	AGAYEVA Gulshan	Azerbaijan	University of A Coruña (Spain)	10 months	60 ECTS	Biology	Master Degree in Molecular, Cellular and Genetic Biology				

	Name, Surname	Nationality	Host HEI	Duration of Mobility	ECTS credits gained	Thematic field	Diploma / Degree obtained	Article (name, authors)	Conference participation (name, place, title)	Books published	Awards / Prizes
099	ALIYEVA Asmer	Azerbaijan	University of Pavia (Italy)	10 months	47 ECTS	Biology		A.Torróni, A.Olivieri, E.Akhundova, A.Aliyeva. Analysis of a population sample from Azerbaijan: a mitochondrial DNA perspective			
100	KIRO Iuliia	Ukraine	University of Pavia (Italy)	10 months	60 ECTS	Linguistic					
101	ARSENICHEV Artem	Ukraine	Politecnico di Milano (Italy)	10 months	10 ECTS	Engeneering					
102	SAKANYAN Garegin	Armenia	Politecnico di Torino (Italy)	10 months	6 ECTS	Automotive Engineering					
103	Felix Karapetyan	Armenia	Politecnico di Torino (Italy)	3 months	0 ECTS	Computer and Com- munication Networks Engineering					
104	POSTICA Doru	Moldova	University of Fernando Pessoa (Portugal)	22 months	120 ECTS	Business Studies, Management Science	Master in Business Sciences				
105	QULIYEVA Inara	Azerbaijan	Faculty of Architecture, Lisbon University (Portugal)	22 months	120 ECTS	Interiors Architecture	Master in Architecture				
106	CHITASHVILI Giorgi	Georgia	University of Fernando Pessoa (Portugal)	22 months	92 ECTS	Computer Engineering (Mobile Computing)					
107	LYGINA Natalya	Ukraine	Faculty of Architecture, Lisbon University (Portugal)	22 months	120 ECTS	Product Design	Master in Design				

	Name, Surname	Nationality	Host HEI	Duration of Mobility	ECTS credits gained	Thematic field	Diploma / Degree obtained	Article (name, authors)	Conference participation (name, place, title)	Books published	Awards / Prizes
108	POLADASHVILI Tamari	Georgia	University of Fernando Pessoa (Portugal)	22 months	120 ECTS	Business Studies, Management Science	Master in Business Sciences				
109	CHEKAN Violetta	Belarus	University of Fernando Pessoa (Portugal)	22 months	33 ECTS	Business Studies, Management Science					
110	HANGANU Diana	Moldova	University of Pavia (Italy)	10 months	0 ECTS	Business Studies, Management Science					
111	MAMMADLI Mehman	Azerbaijan	University of A Coruña (Spain)	10 months	60 ECTS	Law	Master Degree in Law: European Union Studies				
112	SCOBIN Serghei	Moldova	University of A Coruña (Spain)	10 months	60 ECTS	Law	Master Degree in Law: European Union Studies				
113	HARUTYUNYAN HAYK	Armenia	University of Fernando Pessoa (Portugal)	6 months	24 ECTS	Business Studies, Management Science					
114	KUKIL Kateryna	Ukraine	University of Cordoba (Spain)	10 months	60 ECTS	Bio- technology	Master's Degree in Molecular, Cellular and Genetic Biotechn- ology	Master Thesis: "Effects of low nitrogen availability on the nitrogen metabolism in Synechococcus WH7803", July 2015, University of Cordoba			

	Name, Surname	Nationality	Host HEI	Duration of Mobility	ECTS credits gained	Thematic field	Diploma / Degree obtained	Article (name, authors)	Conference participation (name, place, title)	Books published	Awards / Prizes
115	ZHELIEZNIK Andriy	Ukraine	Polytechnic Institute of Tomar (Portugal)	10 months	48 ECTS	Chemical Engeneering					
116	TYNIANSKYKH Violetta	Ukraine	Faculty of Architecture, Lisbon University (Portugal)	10 months	40 ECTS	Architecture					
117	MAMEDOVA Yuna	Ukraine	Polytechnic Institute of Tomar (Portugal)	10 months	68 ECTS	Chemical Engeneering					
118	MAMMADZADE Afet	Azerbaijan	Faculty of Architecture, Lisbon University (Portugal)	22 months	120 ECTS	Architecture	Master Degree				
119	AGHABAYLI Aydan	Azerbaijan	Faculty of Architecture, Lisbon University (Portugal)	22 months	96,5 ECTS	Architecture	Master Degree				
120	CHARNYSH Tatsiana	Belarus	Politecnico di Milano (Italy)	10 months	56 ECTS	Architecture					
121	STEPANYAN Mariam	Armenia	University of Pavia (Italy)	10 months	60 ECTS	Business Studies, Management Science					
122	GHROYAN Sirak	Armenia	University of Pavia (Italy)	6 months	30 ECTS	Business Studies, Management Science					

	Name, Surname	Nationality	Host HEI	Duration of Mobility	ECTS credits gained	Thematic field	Diploma / Degree obtained	Article (name, authors)	Conference participation (name, place, title)	Books published	Awards / Prizes
123	APOSTOL Veronica-Mirela	Moldova	University of A Coruña (Spain)	22 months	120 ECTS	Humanities	Master Degree in Advanced English Studies				
124	FILIPCHENKO Yana	Ukraine	Faculty of Architecture, Lisbon University (Portugal)	22 months	120 ECTS	Architecture	Master Degree in Architecture				
125	SHUKURLU Nazim	Azerbaijan	University of Fernando Pessoa (Portugal)	22 months	48 ECTS	Business Studies, Management Science					

DOCTORATE GRANTEES

	Name, Surname	Nationality	Host HEI	Duration of Mobility	ECTS credits gained	Thematic field	Diploma / Degree obtained	Article (name, authors)	Conference participation (name, place, title)	Books published	Awards / Prizes
126	RAMOS SANCHEZ Jose Manuel	Spain	Alecu Russo Balti State University (Moldova)	10 months		Natural Resources - Agroecology	PhD Degree in Natural Resources and Sustainability (UCO)	“A case study of debate about genetic modified seeds: a comparative analysis of Romania and Republic of Moldova 1st part”, PhD. José Manuel Ramos Sánchez, Universitatea din Cordoba, Spania. AKADEMOS nr. 3 (34), Septembrie 2014.	International scientific conference “Rational use of natural resources as basis for sustainable development”, Balti, 10-11 October 2013	PhD Thesis: “Comparative agroecological analysis among North American and European Regulations on crop production products and their consequences in Latin America.”	Spain

	Name, Surname	Nationality	Host HEI	Duration of Mobility	ECTS credits gained	Thematic field	Diploma / Degree obtained	Article (name, authors)	Conference participation (name, place, title)	Books published	Awards / Prizes
127	SANTOS Gustavo	Portugal	Belarusian National Technical University (Belarus)	10 months		Information Technologies (IT)		“Interoperable Intelligent Tutoring Systems as Open Educational Resources” published in Learning Technologies, IEEE Transactions on (Volume 6, Issue 3), 2013; 2) “A Field Experiment with an Animated Intelligent Tutor in Portugal” published in Global Engineering Education Conference (EDUCOM), 2014 IEEE			
128	MONTEIRO PEIXOTO Nuno Miguel	Portugal	Belarusian National Technical University (Belarus)	10 months		Doctorates Architecture		“Criteria of Authenticity in the Rehabilitation of the Industrial Heritage in Relation to the Use/Function in European Countries with Application in Riverside South Arch (Lisbon)” and participated with his presentations in several International Conferences			
129	NORBERTO Vanessa	Portugal	Georgian Technical University (Georgia)	10 months		Architecture					

	Name, Surname	Nationality	Host HEI	Duration of Mobility	ECTS credits gained	Thematic field	Diploma / Degree obtained	Article (name, authors)	Conference participation (name, place, title)	Books published	Awards / Prizes
130	GONZALEZ Vicente	Spain	Azerbaijan Univ. of Architecture and Construction (Azerbaijan)	10 months		Architecture			Mediterranean versus Caspian seas, in the Azerbaijan university of Architecture and construction		1.-He wrote a blog http:// newbaku. tumblr. com/
131	HUNGRÍA ESTÉVEZ Javier	Spain	Georgian Technical University (Georgia)	3 months		Geology					
132	BASÍLIO Sandra	Portugal	Belarusian National Technical University (Belarus)	3 months		Architecture					
133	HAZ-GOMEZ Francisco	Spain	Belarusian National Technical University (Belarus)	6 months		Sociology / Economics	Has prepared his PhD Degree thesis: “Social Capital and University: A Research on the Influence of University in the Construction of Social Capital Youth” and successfully defended it in 2016.		21th of March Participation in the International Scientific Conference: “The Common History of Nations Unity. The Belarussian and Kazakhstan Leaders’ Role in Creation and Development of Independent States” Participation in the International Scientific Conference: “Spiritual Values and Historical Memory: 70th Anniversary of Great Patriotic War Lectures: “The Importance of Social Capital in the Development of Human Capital”, 2) “Social Capital as an Element of Economic Analysis”, has participated in the Conferences and presented his papers: 1) “Regional Partnership in Global World. Challenges and Opportunities”; 2) “Postmodernity. Youth and Historical Memory of the Spanish Civil War (1936-1939)”		

	Name, Surname	Nationality	Host HEI	Duration of Mobility	ECTS credits gained	Thematic field	Diploma / Degree obtained	Article (name, authors)	Conference participation (name, place, title)	Books published	Awards / Prizes
134	IAZYKOV Mykyta	Ukraine	University of A Coruña (Spain)	10 months	15 ECTS	Sciences		<ul style="list-style-type: none">• lazykov, M; Canle L., M.; Santaballa, J.A.; Rublova, L. “Isotope Effects in the Solvolysis of Sterically Hindered Arenesulfonyl Chlorides” Int. J. Chem. Kinet., 2015, 47, 744.• lazykov, M.; López, M.; Santaballa López, J.; Rublova, L. Relations structure-reactivity and the positive steric effects of ortho substituents in arenesulfonyl chlorides. In Proceedings of the 19th Int. Electron. Conf. Synth. Org. Chem., 1–30 November 2015; Sciforum Electronic Conference Series, Vol. 19, 2015 , f002; doi:10.3390/ecsoc-19-f002• Solvent network at the transition state in the solvolysis of hindered sulfonyl compounds: Mykyta lazykova,b*, Ludmila Rublova, J. Arturo Santaballa, Moisés Canle L.// Journal of Physical and Organic Chemistry	<ul style="list-style-type: none">• XXXV Biannual Congress of the RSEQ (19 to 23 July 2015, A Coruña) with flash communication entitled “The SN3 Dilemma: characterization of the Transition State for solvolysis Reactions of Hindered Sulfonyl Halides”.• Congress “XXI Encontro Galego-Portugues de Química” with communication entitled “Mechanism of Solvolysis of Hindered Arenesulfonyl Chlorides”• The 19th International Electronic Conference on Synthetic Organic Chemistry (ECSOC-19) with the presentation “ Relations structure-reactivity and the positive steric effects of ortho substituents in arenesulfonyl chlorides”		

	Name, Surname	Nationality	Host HEI	Duration of Mobility	ECTS credits gained	Thematic field	Diploma / Degree obtained	Article (name, authors)	Conference participation (name, place, title)	Books published	Awards / Prizes
135	DEINEKO Anastasiia	Ukraine	University of Pavia (Italy)	10 months		Civil Engineering					
136	MUSTAFAZADE Gunel	Azerbaijan	University of Pavia (Italy)	10 months		Biotechnology		1. Cristofaro F., Cambarau M ., Grandi S., Lorenzo F., Omes C., Bruni G., Mustafazade G., Riva F., Musta relli P., Visai L.,: An in vitro biochemical study of mesen chymal stem cells differentiation on bioglass coated titanium scaffold. 2. Mustafazade G., Cristofaro F., Bloise N., Gigli M., Chen H Bruni G., Lotti N., Moroni L., Visai L.,: An in vitro study of SAOS-2 cell viability on Poly(butylene succinate) (PBS)- based-nano- electrospun- fibers	1. I materiali biocompatibili per la medicina pag. 2015, Italy 2. Congresso Nazionale Biomateriali. 2015, Italy		
137	GHALECHYAN Meline	Armenia	University of Fernando Pessoa (Portugal)	10 months	53 ECTS	Computer Sciences (Information Sciences, Information Systems Techology)					

	Name, Surname	Nationality	Host HEI	Duration of Mobility	ECTS credits gained	Thematic field	Diploma / Degree obtained	Article (name, authors)	Conference participation (name, place, title)	Books published	Awards / Prizes
138	HRYSHKEVICH Aleh	Belarus	University of A Coruña (Spain)	34 months	180 ECTS	Civil Engineering	Courses “Basis of Professional Project Management” and Spanish and English language courses	<ul style="list-style-type: none">• Research project paper “Optimización de sistemas de tratamiento de escorrentía de vías de alta intensidad de tráfico mediante la incorporación de medios filtrantes activos.”• Research project paper “Technical assistance for the identification, evaluation and monitoring of stormwater tanks and drafting of a manual of recommendations for their design”• Research project paper “Analysis of the pollution incoming cantarranas-madrid stomwater tank during rain events. (control sections monitoring)”• Research project paper “Design and implementation of an evaluation and monitoring program of stormwater runoff from PK 21+745 and PK 22+125 on the second highway ring of Donostia-San Sebastian”• Research project paper Analysis of dust and dirt on the surroundings of national fronte bionade vi at seixal curves in the municipality of Oleiros			
139	GABUNIA Giorgi	Georgia	Faculty of Architecture, Lisbon University (Portugal)	34 months	135 ECTS	Architecture (PHD)					

	Name, Surname	Nationality	Host HEI	Duration of Mobility	ECTS credits gained	Thematic field	Diploma / Degree obtained	Article (name, authors)	Conference participation (name, place, title)	Books published	Awards / Prizes
140	PYLYPCHYK Liliia	Ukraine	University of Pavia (Italy)	10 months		Civil Engineering		Mixed FEM Analysis and Topology Optimization of Viscoelastic Devices / Paolo Venini, Giacomo Maurelli, Liliia Pylypchyk. – Computers and Structures, 2016 (not published, edited)			
141	LYUBCHYK Sergiy	Ukraine	Lisbon University	34 months	180 ECTS	Chemistry					
142	JIKIA Zurab	Georgia	University of A Coruña (Spain)	33 months	180 ECTS	Civil Engineering		Research project papers • “Mobilization of Contaminants in Highway Runoff. Characterization, Modeling and Settling and Treatment in Filtration Unit” This paper are based on the data from real catchment in city Fene where we are making our research project. • “Highway Runoff Pollutant Mobilization, Monitoring, Modeling and Treatment in a Full-Scale Settling- Filtration Unit”	• Scientific Paper Accepted for presented at the XXXIV Inter AIDIS Congress, to be held from 2 to 6 November in Monterrey, Mexico. “Characterizing Aerated Grit Channel Performance for Grit Removal from Coastal Municipal WWTP Operating Hydraulic Stress” • Scientific Paper Accepted for presented at the XXXIV Inter AIDIS Congress, to be held from 2 to 6 November in Monterrey, Mexico. “Hydraulic Overload Characterizations in Aerated Grit Chambers by Hydraulic Retention Time Measurement”		
143	GOLUBENCO Liliana	Moldova	University of Pavia (Italy)	10 months		Languages and Philological Sciences					

	Name, Surname	Nationality	Host HEI	Duration of Mobility	ECTS credits gained	Thematic field	Diploma / Degree obtained	Article (name, authors)	Conference participation (name, place, title)	Books published	Awards / Prizes
144	TYMOSHKO Andrii	Ukraine	University of Alicante (Spain)	6 months		Civil Engineering	Spanish course	Comparison of effeciency of Lira 9.6 and SAP2000 program complexes in the dynamic calculation of high-rise object / Andrii Tymoshko, Anatoliy Yugov. – Metal Constructions, Vol. 22, Issue 1, 2016, (not published, edited)			
145	SOLOSHENKO Olena	Ukraine	University of A Coruña (Spain)	10 months	60 ECTS	Engineering					
146	BRYZHATA Kateryna	Ukraine	University of Alicante (Spain)	10 months		Civil Engineering	Spanish course				
147	KULAKOVA Victoriia	Ukraine	University of A Coruña (Spain)	22 months	120 ECTS	Sciences		• Journal: International Journal of Coal Geology Corresponding Author: Jose Manuel Andrade Co-Authors: ViktoriiaKulakova; LudmilaButuzova, Prof. Dr.; VolodimirShevkoplyas; Oksana Turchanina Title: Characterization of sulfur coal-derived liquids as a source of hydrocarbons to produce chemicals and synthetic fuels	• XXXV Biennial Meeting of the Spanish Royal Chemistry Society (19th-23rd of July, 2015, A Coruna, Spain) Poster communication: Thermogravimetric analysis to optimize the low-temperature pyrolysis process of bituminous coals Authors: ViktoriiaKulakova; M.P. Gómez-Carracedo, Jose Manuel Andrade, LudmilaButuzova • XX Reunión de la Sociedad Española de Química Analítica (1st-3rd of July, 2015, Santiago de Compostela, Spain) Poster communication: Mild pyrolysis of low-quality coals as a reliable alternative to produce liquid fuels for vehicles and valuable chemicals		

	Name, Surname	Nationality	Host HEI	Duration of Mobility	ECTS credits gained	Thematic field	Diploma / Degree obtained	Article (name, authors)	Conference participation (name, place, title)	Books published	Awards / Prizes
147	KULAKOVA Victoriia							Authors: ViktoriiaKulakova; M.P. Gómez-Carracedo, LudmilaButuzova, Jose Manuel Andrade • XXI Encontro Galego- Portugués de Química (18th- 20th of November, 2015, Pontevedra, Spain) Oral presentation: Thermogravimetric analysis as a powerful instrument for extensive investigation of low-quality coals Authors: ViktoriiaKulakova, Jose Manuel Andrade, LudmilaButuzova • XII International Conference on European Science and Technology (29th-30th of December, 2015, Munich, Germany)			
148	SIHUA Victoriia	Ukraine	University of A Coruña (Spain)	10 months	60 ECTS	Economics and Business		• Viktoriia Sihua, Anxo Calvo- Silvosa, Ilya Starodumov An Approach to the Analysis of Strategic Development Trend in the Electricity Production Regarding the Energy Sector Framework: The Ukrainian and Spanish Cases, European Research Studies Journal, Volume XVIII, Issue (2) 2015, pp. 45-78, http://www.ersj.eu/ index.php?option=com_ content&task=view&id=549 http://econpapers.repec. org/article/ersjournl/v_3axv iii_3ay_3a2015_3ai_3a2_3a p_3a45-78.htm			

	Name, Surname	Nationality	Host HEI	Duration of Mobility	ECTS credits gained	Thematic field	Diploma / Degree obtained	Article (name, authors)	Conference participation (name, place, title)	Books published	Awards / Prizes
149	ISRAYILOVA Aygün	Azerbaijan	University of Pavia (Italy)	21 months		Biology, Biotech- nology		V.C.Scoffone, F.Spadaro, L.R.Chiarelli, A.Israyilova, F.Forneris, V.Makarov, T.Coenye, G.Riccardi and S.Buroni. Characterization of Burkholderia cenocepacia quorum sensing synthases as new targets to hit a dangerous cystic fibrosis pathogen.	Meeting of SIMGBM Microbiology 2015, 23-26 September, Ravenna, Italy 2015		
150	BASALAI Dzmitry	Belarus	University of Alicante (Spain)	10 months		Automation	Spanish course	“Unmanned Surface Vessel” (paper is to be published)			
151	SEMIANIUK Volha	Belarus	University of A Coruña (Spain)	10 months	60 ECTS	Civil Engineering					
152	DOLININA Olga	Belarus	Politecnico di Milano (Italy)	6 months		Urban Planning- Recovering of Industrial Archaeology		Dolinina, Lombardini <i>Enhancement the “old” to develop the “new”: comparison between the policy of urban renewal in Belarus and Italy (to be printed)</i>			
153	DAVTYAN Emilia	Armenia	University of Pavia (Italy)	10 months		Linguistics					
154	KHACHATOURIAN SARADEHI Lousineh	Armenia	Politecnico di Milano (Italy)	6 months		Architecture					
155	KARTASHYAN Tatev	Armenia	Politecnico di Milano (Italy)	6 months		Modern problems of organization of public open spaces in historic cities.					
156	KHACHIKYAN Lia	Armenia	Faculty of Architecture, Lisbon University (Portugal)	22 months	60 ECTS	Urbanism Architecture (PHD)					

	Name, Surname	Nationality	Host HEI	Duration of Mobility	ECTS credits gained	Thematic field	Diploma / Degree obtained	Article (name, authors)	Conference participation (name, place, title)	Books published	Awards / Prizes
157	VEPRYTSKA Kateryna	Ukraine	Politecnico di Milano (Italy)	10 months		Cultural Heritage Enhance- ment of the Archaeological area in Chersonese - Crimea		Snitko, Veprytska, Lombardini: Developing the Pattern of Chersonese Valorisation: risks, values, identity Snitko, Veprytska, Lombardini Protecting Cultural Heritage in the state of political conflict: the case of “Tauric Chersonese and its chora” archeological site in Crimea	Veprytska&Lombardini INTERNATIONAL COUNCIL ON MONUMENTS AND SITES I C O M O S - International Scientific Committee for Theory and Philosophy of Conservation and Restoration Florence, 5-8 Match, 2015. The theme of the conference was “How to assess built heritage? Assumptions, methodologies, examples of heritage assessment systems		
158	ILCHENKO Daria	Ukraine	University of Cordoba (Spain)	10 months		Chemical Engineering					
159	BASYROVA Mariia	Ukraine	University of A Coruña (Spain)	22 months	120 ECTS	Languages					
160	PLISKO Atelvina	Azerbaijan	Faculty of Architecture, Lisbon University (Portugal)	22 months	80 ECTS	Architecture					

	Name, Surname	Nationality	Host HEI	Duration of Mobility	ECTS credits gained	Thematic field	Diploma / Degree obtained	Article (name, authors)	Conference participation (name, place, title)	Books published	Awards / Prizes
161	JAPHARIDZE Edisher	Georgia	University of A Coruña (Spain)	22 months	120 ECTS	Sociology		<ul style="list-style-type: none">• Book. Space, Society, Politics #2, at the beginnings of the European Integration, Tbilisi State University. 25-27 June 2014. 27 Paper, Page 479-505. Tbilisi Georgia• Journal. International Scientific Conference work. Major religions Confessions and Caucasus regional security Problems. Major Religions Confessions in South Caucasus Tbilisi State University 2015. Thilisi Georgia• Journal. Annual Conference work, Modern Emigration problem and perspective Vaja Shubitidze (Home Supervisor) and Edisher Japharidze, Georgian Technical University 2015. Tbilisi Georgia	<ul style="list-style-type: none">• Second international Scientific Conference Space Society, Politics #2, at the beginnings of the European Integration, Tbilisi State University. 25-27 June 2014• The European Union and transnational corporation in the international society. Faculty of sociology at university of Coruna. 9, 10 April of 2015. Spain A Coruna• 22 international conference of Europeanists on Contradictions: Envisioning European Futures” Council for European Studies, 8, 10 July of 2015, Paris in France• Itineraries of Syrian refugees from the Middle East to Europe. Faculty of Sociology at the University of Coruna. 13 October of 2015		

POST-DOCTORATE GRANTEES

	Name, Surname	Nationality	Host HEI	Duration of Mobility	ECTS credits gained	Thematic field	Diploma / Degree obtained	Article (name, authors)	Conference participation (name, place, title)	Books published	Awards / Prizes
162	ALHO Carlos	Portugal	Georgian Technical University (Georgia)	6 months		Architecture			Workshop “Authenticity Criteria in Conservation of Historic Areas” (GTU, Tbilisi, Georgia) Workshop “Sustainable Architechture, Planning and Design in Portugal” (Rooms Hotel Tbilisi, Tbilisi, Georgia)		
163	CALVACHE Sara	Spain	Georgian Technical University (Georgia)	6 months		Chemistry		Novel method for preparation of the hybrid metal (I)-metal (II) oxide nanoparticles Authors: M. Donadzea, M. Gabrichidzea, S. Calvachea&T. Agladzea* Journal:Transactions of the IMF: The International Journal of Surface Engineering and Coatings. Volume 94, Issue 1, 2016. pages 16-23 DOI: 10.1080/ 00202967.2015. 1117263	International Forum “EAST forum” (Lund, Sweden) International Symposium “ICSP&AM4 Symposium” (Batumi, Georgia) Presentation “Technology for preparation of metal- core/metal oxide-shell catalyst for neutralization of toxic exhausted gases” (GTU, Tbilisi, Georgia) http://gtu.ge/ News/4243/?sphrase_ id=83975		
164	GARANZHA Igor	Ukraine	University of Alicante (Spain)	6 months		Civil Engineering		About approaches to the calculation of composite tubes in Ukraine and abroad / Igor Garanzha. – Metal Constructions, Vol. 20, Issue 1, 2014, pp.45-53 Garanzha I. Modelling of physically non-linear work of steel and concrete into a composite structure	Scientific-practical conference with international participation XLIII «Science Week SPbPU” (St. Petersburg, SP bPU, December 1-6, 2014) Construction - the formation of living environment: 18th International		

	Name, Surname	Nationality	Host HEI	Duration of Mobility	ECTS credits gained	Thematic field	Diploma / Degree obtained	Article (name, authors)	Conference participation (name, place, title)	Books published	Awards / Prizes
164	GARANZHA Igor							(thesis scientific conference report) / Proc. Construction - the formation of living environment. MSCEU, 2015. pp. 185-188. Review of research in the field study of the stress-strain state of concrete-filled structures / Igor Garanzha, Salvador Ivorra-Chorro. –Metal Constructions, Vol. 21, Issue 3, 2015, pp.119-133 (published with University of Alicante)	interuniversity scientific-practical conference of students, undergraduates, graduate students and young scientists (Moscow, MSCEU, April 22-24, 2015) International Conference “Buildings and structures using new materials and technologies, ”the direction of “high-quality concrete: materials, structures, technologies” (Makeyevka, DonNACEA, December 24, 2015)		
165	HAYOTSYAN Sargis	Armenia	University of Pavia (Italy)	6 months		Chemistry					
166	POLISHCHUK Andrii	Ukraine	University of Pavia (Italy)	6 months		Architecture					
167	NAZAROVA Valeriia	Ukraine	University of Alicante (Spain)	6 months		Environmental Sciences, Ecology	Spanish course				
168	SAFIN Volodymyr	Ukraine	University of A Coruña (Spain)	6 months		Sciences					
169	CHYRKA Taras	Ukraine	University of Cordoba (Spain)	6 months		Materials Science	(Post-doc stay)		Effects of electrodeposited lithium phosphate on the electrochemical properties of self organized titania nanotubes (NANOUCO V, Córdoba, 5-6 Febr., 2015)		

	Name, Surname	Nationality	Host HEI	Duration of Mobility	ECTS credits gained	Thematic field	Diploma / Degree obtained	Article (name, authors)	Conference participation (name, place, title)	Books published	Awards / Prizes
170	CHARGAZIA Tamara	Ukraine	University of Pavia (Italy)	6 months		Business Studies, Management Science		Survey of financing schemes in energy efficiency of residential buildings / Norma Anglani, Fabrizio Fattori, Tamara Chargazia. –Proceedings of the International Conference for young scientists, postgraduates and undergraduates, DNACEA, April 2015, P9-11 (published with University of Pavia) Comparison amongst different financing schemes supporting energy efficiency investments in residential buildings: a case study for Italy / Norma Anglani, Tamara Chargazia. – Energy and buildings, 2016 (not published, edited)	Presentation called “Experience of the training at the University Pavia” which was held among the representatives of 10 Ukrainian universities on the Third study visit of TEMPUS project «Qualifications Frameworks for Environmental Science at Ukrainian Universities - QANTUS» (UPavia, 28 May 2015)		
171	KOZLOVA Ludmila	Ukraine	University of Pavia (Italy)	6 months		Business Studies, Management Science		Effective management of cities and urban development planning / Ludmila Kozlova, Roberto De Lotto. Proceedings of the International Conference for young scientists, post-graduates and undergraduates, DNACEA, April 2015, P43-44 (published with University of Pavia) Sustainable urban			

	Name, Surname	Nationality	Host HEI	Duration of Mobility	ECTS credits gained	Thematic field	Diploma / Degree obtained	Article (name, authors)	Conference participation (name, place, title)	Books published	Awards / Prizes
171	KOZLOVA Ludmila							development in the context of the use of green roofs / Ludmila Kozlova, Roberto De Lotto. – University of Pavia, 2016 (not published, edited)			
172	KHALILOV Ali	Azerbaijan	University of Cordoba (Spain)	6 months		Chemistry, Organic Chemistry		1. V.Montes, A.Marinas, 1- V.Montes, A.Marinas, J.M.Marinas, F.J. Urbano, M.Boutonnet, J.F.Miñambres, Z.Felcyn, P.B.Samol, A.N.Khalilov. Síntesis de nanopartículas mediante microemulsión y su aplicación como catalizadores en la obtención de compuestos orgánicos de interés. NANOUCO V, Córdoba, 5-6 Febr., 2015, p.41. 2- V. Montes, A.Marinas, J.M. Marinas, F. J. Urbano, J.F. Miñambres, Z. Felcyn, P.B. Samol, A. N. Khalilov, A. M. Maharramov. Chemoselective hydrogenation of furfural to furfuryl on ZrO2. (Paper in preparation).	NANOUCO V. Encuentro sobre Nanociencia y Nanotecnología de Investigadores y Tecnólogos Andaluces, Córdoba (Spain), 5-6 de Febrero, p.41., 2015. (Paper in final step of preparation). http://sustorgchem-uco. weebly.com/noticeboard/ dr-khalilov-research- activities-under-tempo- erasmus-mundus		
173	TSKVITINIDZE Sophiko	Georgia	University of Cordoba (Spain)	6 months		Biology		The effect of aging and caloric restriction on the expression of regulatory proteins of apoptosis in kidney and skeletal muscles in C57BL/6 mice (to be published)			
174	ABASHIDZE Natia	Georgia	University of Pavia (Italy)	6 months		Linguistics					

ACADEMIC/ADMINISTRATIVE STAFF GRANTEES

	Name, Surname	Nationality	Host HEI	Duration of Mobility	ECTS credits gained	Thematic field	Diploma / Degree obtained	Article (name, authors)	Conference participation (name, place, title)	Books published	Awards / Prizes
175	VICENT FRANCÉS JOSÉ F.	Spain	Brest State Technical University (Belarus)	1 month		06, Engineering Technology			Participated in thesis committees		
176	TORTOSA Leandro	Spain	Brest State Technical University (Belarus)	1 month		06, Engineering Technology			Participated in thesis committees		
177	PARAPAR VEGAS Julio	Spain	Baku State University (Azerbaijan)	1 month		Teaching Staff - Sciences					
178	IBORRA PALLARÉS Vicente	Spain	Belarusian National Technical University (Belarus)	1 month		Urban Planning		1.- Urban interventions in a post-soviet city Authors: Vicente Iborra, Pablo Martí and Vera A. Sysoyeva 2.- Transforming Minsk: an academic approach Authors: Vicente Iborra and Pablo Martí	1.-XIII Jornadas de redes de investigación en docencia universitaria in Alicante University. 2.- Practice & research conference In Belarusian National Technical University		
179	ALVADO BAÑON JOAQUIN	Spain	Azerbaijan Univ. of Architecture and Construction (Azerbaijan)	1 month		Architecture			He organized the congress: Mediterranean versus Caspian seas, in the Azerbaijan university of Architecture and Construction	Mediterranean versus Caspian	1.-He wrote a blog http:// newbaku. tumblr.com/
180	CASTELBRANCO Antonio	Portugal	Azerbaijan Univ. of Architecture and Construction (Azerbaijan)	1 month		Architecture / Urban Planning			Open lecture at “UNS” theatre with participation of students/professors of AzUAC and open artistic society “YARAT”; Participated as architectural expert on architecture of Baku and Azerbaijan in TV show “Architek” on national “LIDER” channel		

	Name, Surname	Nationality	Host HEI	Duration of Mobility	ECTS credits gained	Thematic field	Diploma / Degree obtained	Article (name, authors)	Conference participation (name, place, title)	Books published	Awards / Prizes
181	LÓPEZ LÓPEZ Manuel	Spain	Azerbaijan Univ. of Architecture and Construction (Azerbaijan)	1 month		Teaching Staff - Engineering					
182	SANCHEZ TORTOSA Francisco	Spain	National Technical University of Ukraine (Ukraine)	1 month		Biology					
183	AUGELLI Francesco	Italy	National Polytechnic University of Armenia (Armenia)	1 month		Architecture					
184	RODES ROCA José Joaquín	Spain	Baku State University (Azerbaijan)	1 month		Physics					
185	RODRÍGUEZ MARTINEZ Roberto	Spain	National Polytechnic University of Armenia (Armenia)	1 month		Administrative Staff					
186	NICO Rosa	Portugal	National Technical University of Ukraine (Ukraine)	1 month		International Relations					
187	SMIRNOVA Mariia	Ukraine	Politecnico di Milano (Italy)	2 months		Energy			Conference on June 25th 2015, Milan “Energy and the Integrated Management of Resources: System Thinking for Technicians and Policy Makers”		

	Name, Surname	Nationality	Host HEI	Duration of Mobility	ECTS credits gained	Thematic field	Diploma / Degree obtained	Article (name, authors)	Conference participation (name, place, title)	Books published	Awards / Prizes
188	AVETISYAN Karine	Armenia	University of A Coruña (Spain)	1 month		Academic staff- Chemistry					
189	ANNENKOV Andriy	Ukraine	University of Pavia (Italy)	2 months		Civil Engineering, Geodesy, Cartography, Remote Sensing		Statistical research of retaining walls displacement on the results of geodetic measurements by analysis of variance / R. Schultz, A. Annenkov, A. Khailak, V. Strilec. – MOTROL, 2014, Vol. 16, Issue 8, pp. 81-93			
190	ALEKSANYAN Aida	Armenia	University of Fernando Pessoa (Portugal)	2 months		Environ- mental Sciences; Ecology; Industrial Waste Treatment Methods; Industrial Waste Minimization					
191	GRABAUROV Vladimir	Belarus	University of Alicante (Spain)	1 month		Civil Engineering					
192	KORSUN Artem	Ukraine	Politecnico di Milano (Italy)	2 months		Civil Engineering		The Strength and Strain of High-Strength Concrete Elements with Confinement and Steel Fiber Reinforcement including the Conditions of the Effect of Elevated Temperatures / Korsun V., Vatin N.,	Report «Experimental research and development of calculation methods of reinforced concrete structures subjected to thermal loads» for students and researchers at the Dept.Architecture,		

	Name, Surname	Nationality	Host HEI	Duration of Mobility	ECTS credits gained	Thematic field	Diploma / Degree obtained	Article (name, authors)	Conference participation (name, place, title)	Books published	Awards / Prizes
192	KORSUN Artem							Franchi A., Korsun A., Crespi P., Mashtaler S. – Procedia Engineering, 117 (2015), pp. 975-984 (published with POLIMI)	Built Environment and Construction Engineering (POLIMI, 14 November,2013)		
193	NICULICA Oxana	Moldava	University of Fernando Pessoa (Portugal)	2 months		Professional internship at UFP's International Relations Office					
194	KALMYKOV Yuriy	Ukraine	University of Pavia (Italy)	2 months		Civil Engineering					
195	KNYAZYAN Tamara	Armenia	Politecnico di Milano (Italy)	1 month		Electronics, Information and Bio- engineering Department					
196	NAMAZOVA Lamia	Georgia	University of A Coruña (Spain)	1 month		Administrative Staff					
197	SAVCHUK Anna	Ukraine	University of A Coruña (Spain)	1 month		Administrative Staff					
198	BUTUZOVA Liudmyla	Ukraine	Polytechnic Institute of Tomar (Portugal)	1 month		Chemical Engineering		1. Ludmila Butuzova, Oksana Turchanina, Shwan Shakir, Gennadij Butuzov, Achim Bechtel, Antonio Castelbranco. Possibility of the Implementation of the Principle of Sustainable Development in the Sphere of Coal Processing. China- USA Business Review, ISSN 1537-1514. November 2013, Vol. 12, No. 11, 1033- 1243. 2. Л. Ф. Бутузова, Р. В.	3. Ludmila Butuzova, Achim BECHTEL, Shwan Shakir, Oksana Turchanina, Antonio Castelbranco, Gennadij Butuzov. Possibility of the implementation of the principle of sustainable development in the sphere of coals processing. International Conference “Is your responsability 2012 – innovation for		

	Name, Surname	Nationality	Host HEI	Duration of Mobility	ECTS credits gained	Thematic field	Diploma / Degree obtained	Article (name, authors)	Conference participation (name, place, title)	Books published	Awards / Prizes
198	BUTUZOVA Liudmyla							Маковский, Г. Г. Клешня, Д. Ю. Милов, Ю. С. Кафтан, О. Н. Турчанина, Г. Н. Бутузов. КОКСОВАНИЕ УГОЛЬНЫХ СМЕСЕЙ С ВЫСОКИМ СОДЕРЖАНИЕМ СЛАБОСПЕКАЮЩИХСЯ И СЕРНИСТЫХ УГЛЕЙ. Восточно-Европейский журнал передовых технологий ISSN 1729-3774, 1/5 (73) 2015, стр.61-66.	sustainability” Porto 2012, 27-28 Septermber, P.29-36. 4. Antonio Castelbranco, Phil B. Hawes, Oksana Turchanina, Ludmila Butuzova. CO2 emissions as a tool for sustainability in urban planning. International Conference “Is your responsibility 2012 – innovation for sustainability”, Porto 2012, 27-28 Septermber. P.63-66.		
199	ZHUCHENKO Oleksii	Ukraine	University of A Coruña (Spain)	1 month		Engineering					
200	GANDAROV Khudaverdi	Azerbaijan	University of A Coruña (Spain)	1 month		Biology, Microbiology					
201	NAJIMOV Arif	Azerbaijan	Politecnico di Milano (Italy)	1 month		Management Engineering			MBA Course of MIP Politecnico di Milano School of Management		
202	ALIYEV Farid	Azerbaijan	Faculty of Architecture, Lisbon University (Portugal)	1 month		Architecture			Gave lecture on Architectural Evolvement of Baku “Little Stories of a Big City”		
203	TSIRAMUA Zaza	Georgia	Politecnico di Milano (Italy)	1 month		IT Infrastructure and Service Department					
204	ZVIADADZE Marika	Georgia	Faculty of Architecture, Lisbon University (Portugal)	1 month		Administrative staff					

	Name, Surname	Nationality	Host HEI	Duration of Mobility	ECTS credits gained	Thematic field	Diploma / Degree obtained	Article (name, authors)	Conference participation (name, place, title)	Books published	Awards / Prizes
205	COLESNIC Nicolina	Moldova	University of A Coruña (Spain)	1 month		Administrative Staff					
206	KASTSIUK Dzmitry	Belarus	University of Alicante (Spain)	1 month		06 Engineering, Technology					
207	STEPURA Mikhail	Belarus	Belarusian National Technical University (Belarus)	1 month		Academic Staff Architecture					
208	AVAGYAN Martin	Armenia	University of A Coruña (Spain)	1 month		Staff-Natural Sciences					
209	SHAHINYAN Varduhi	Armenia	University of A Coruña (Spain)	1 month		Staff- Business Studies, Management Science					
210	NAZIM Yaroslav	Ukraine	Politecnico di Milano (Italy)	1 month		Civil Engineering			Report “Civil Engineering Education in Sustainable Development of the Donbas” / Proc. Integration, partnership and innovations in construction science and education (Moscow, MSCEU, 2015)		
211	TALALYAN Hasmik	Armenia	University of Pavia (Italy)	1 month		International Relations					
212	BADALYAN Marine	Armenia	University of A Coruña (Spain)	1 month		Staff- Administrative					

III TEMPO OUTCOME PER PARTNER INSTITUTION

1 - Faculty of Architecture, Lisbon University

Coordination Institution

• **Agreements signed with TEMPO's partnership or other institutions:**

• In the frame of the Erasmus + programme (call for the International Credit mobility) FAUL invited Belarusian National Technical University, Azerbaijan University of Architecture and Construction and Yerevan State University in order to be signed the Bilateral Agreement

• Faculty of Architecture of the University of Lisbon is Coordinator of the TEMPUS RETHINKe Project on Reform of Education Thru International Knowledge Exchange (Project Number: 544178-TEMPUS-1-2013-1-TP-TEMPUS-JPCR) with the following TEMPO partners:

- University of Coruna (Spain)
- Gavar State University (Armenia)
- State Engineering University of Armenia
- Azerbaijan University of Architecture and Constrution (Azerbaijan)
- Baku State University (Azerbaijan)
- Bress State Technical University (Belarus)
- Georgian Technical University (Georgia)
- Alecu Russo Balti State University (Moldova)
- Donbas National Academy of Civil Engineering and Architecture (Ukraine)
- Donetsk National Technical University (Ukraine)

• Faculty of Architecture of the University of Lisbon is Coordinator of the ERASMUS MUNDUS INFINITY project International Fellowship IN transdisciplinarity (Project ID № 545681-EM-1-2013-1-PT-ERA MUNDUS-EMA 21) with the following TEMPO partners:

- State Engineering University of Armenia
- Georgian Technical University (Georgia)

- Donbas National Academy of Civil Engineering and Architecture (Ukraine)
- Donetsk National Technical University (Ukraine)

• **Number of all outgoing mobilities:**

Undergraduate/Integrated Master: 03
Doctorate: 03
Academic Staff: 01
Post-Doctorate: 01

• **Number of all incoming mobilities** (per type):

Undergraduate/Integrated Master: 25
Doctorate: 03
Academic staff: 02

• **Number of Diplomas issued:**

We still have students enrolled in the current academic year that could obtain the Diploma

• **Others**

- The incoming students had the possibility to follow other subjects from different courses from other schools of University of Lisbon
- The majority of the incoming students followed the Portuguese Language Course

2 - Polytechnic Institute of Tomar (Portugal)

• **Agreements signed with TEMPO’s partnership or other institutions:**

1 (International Credit Mobility 2015/2016)

• **Projects submitted with TEMPO’s partnership or other partners:**

1 submitted (International Credit Mobility 2015/2016) with National Technical University of Ukraine,
1 in preparation (International Credit Mobility 2016/2017) with National Technical University of Ukraine

• **Number of all outgoing mobilities** (per type):

1 Staff

• **Number of all incoming mobilities** (per type):

1 Researcher; 9 Student

• **Number of Diplomas issued:** 0

3 - University of Fernando Pessoa (Portugal)

- **Number of all outgoing mobilities** (per type): 0
- **Number of all incoming mobilities** (per type): 17
- **Number of Diplomas issued:** 4

Mobility type	Target Group	Mobility Period (months)	Gender	Certificate of Attendance Issued	Degree Diploma Issued	Total Number of Mobilities
Undergraduate (Bologna 1 st cycle)	TG I	5	F	3	-	3
		10	F	4	-	4
Total UNDERGRADUATE						7
Master (Bologna 2 nd cycle)	TG I	23	F	1	1	1
	TG II	23	F	2	1	2
		6	M	1	1	1
		23	M	2	1	2
	TG III	22	M	-	-	1
Total MASTER						7
Doctorate (Bologna 3 rd cycle)	TG I	10	F	-	-	1
Total DOCTORATE						1
Staff - administrative	TG I	2	F	-	-	1
Staff - teacher	TG I	2	F	-	-	1
Total STAFF						2
Total ALL MOBILITY TYPES						17

4 - University of Alicante (Spain)

- **Agreements signed with TEMPO’s partnership or other institutions:**
 - Framework collaboration agreement between the University of Alicante and Azerbaijan University of Architecture and Construction (Azerbaijan)
- **Projects submitted with TEMPO’s partnership or other partners:**
 - Project under ERASMUS + Capacity Building programme, call 2016, together with Georgian Technical University (Georgia). Name: Green , inclusive and resilient Operations, Building and Cities (GIROBiC)
- **Number of outgoing mobilities** (per type) and **Number of incoming mobilities** (per type):
 - **1st Cohort (2013-2014) Outgoing**
 - 1 Master mobility for 10 months
 - 3 Undergraduate: 1 student did a stay of 5 months and 2 students did a 10 month mobility
 - 4 Staff members for a month
 - **1st Cohort (2013-2014) Incoming**
 - 7 Master mobilities: 3 students were at Alicante University for 5 months, 2 students for 10 months and 2 more stayed for 22 months.
 - 5 Undergraduate: 1 student did a stay of 5 months and 4 stayed at UA for 10 months
 - 1 Staff member for a month
 - 1 Post-doctorate researcher during 6 months
 - **2nd Cohort (2014-2015) Outgoing**
 - 1 PhD student for 6 months

- **2nd Cohort (2014-2015) Incoming**
 - 3 Undergraduate: 2 student did a stay of 5 months and 1 stayed at UA for 10 months
 - 1 Staff member for a month
 - 1 Post-doctorate researcher during 6 months
 - 3 PhD students: 2 for 10 months and 1 for six month.
- **Number of Diplomas issued:**
 - 6 diplomas
 - Language courses: 36
 - Business courses and seminars: 18
 - Full Master degrees: 2
- **Others**
 - Press note about signature of framework collaboration agreement between the University of Alicante and Azerbaijan University of Architecture and construction (Baku):

<http://web.ua.es/es/actualidad-universitaria/2014/abril2014/abril2014-21-30/la-ua-trabaja-con-la-universidad-azerbaiyana-de-baku-propuestas-arquitectonicas-contemporaneas-para-un-futuro-mas-sostenible-en-los-nuevos-desarrollos-urbanos.html>
 - Press note for the start of TEMPO project about fist cohort of grantees:

<http://web.ua.es/es/actualidad-universitaria/2013/noviembre2013/noviembre2013-11-17/treinta-y-ocho-becados-internacionales-participan-en-la-ua-en-dos-proyectos-erasmus-mundus.html>

5 - University of A Coruña (Spain)

- **Agreements signed with TEMPO’s partnership or other institutions:**
 - State Engineering University of Armenia
 - Erasmus + Interinstitutional Agreement between programme and partner countries for students and staff mobility
 - Double Degree Agreement on Master in Science in Environmental Science, Technology and Management/Master in Science in Environmental Protection
 - Gavar State University
 - Double Degree Agreement on Master in Science in Environmental Science, Technology and Management/Master in Science in Environmental Protection and Use of Nature
 - Baku State University (Azerbaijan):
 - Double Degree Agreement on Master in Science in Environmental Science, Technology and Management / Master in Science in Ecological Chemistry
 - Georgian Technical University (Georgia):
 - Erasmus + Interinstitutional Agreement between programme and partner countries for staff mobility
 - Alecu Russo Balti State University (Moldova)
 - Erasmus + Interinstitutional Agreement between programme and partner countries for students and staff mobility
 - Double Degree Agreement on Master in Science in Environmental Science, Technology and Management/Master in Science in Agricultural Ecology
 - Donetsk National Technical University (Ukraine)
 - Double Degree Agreement on Master in Science in Environmental Science, Technology and Management/Master in Science in Chemical Technology of Fuel and Carbon Materials
- **Projects submitted with TEMPO’s partnership or other partners:**
 - Universidade Técnica de Lisboa (Portugal)

The Universidade da Coruña is a partner of the TEMPUS RETHINKe Project on Reform of Education Thru International Knowledge Exchange (Project Number: 544178-TEMPUS-1-2013-1-TP-TEMPUS-JPCR) with the following TEMPO partners:

- Gavar State University (Armenia)
- State Engineering University of Armenia
- Azerbaijan University of Architecture and Construction (Azerbaijan)
- Baku State University (Azerbaijan)
- Bress State Technical University (Belarus)
- Georgian Technical University (Georgia)
- Alecu Russo Balti State University (Moldova)
- Donbas National Academy of Civil Engineering and Architecture (Ukraine)
- Donetsk National Technical University (Ukraine)

- **Number of outgoing mobilities (per type):**

- Students: 5 (4 Undergraduate and 1 Doctorate)
- Staff: 3 (2 Teaching mobility and 1 Training mobility)

- **Number of incoming mobilities (per type):**

- Students: 24 (11 Undergraduate, 4 Master and 9 Doctorate)
- Staff: 9 (5 Teaching mobility and 4 Training mobility)

• **Number of Diplomas issued:**

At present there are still some students staying at the Universidade da Coruña who will obtain a diploma
By now, 4 students have got UDC diplomas

- **Others:**

Most grantees for studies have attended the 30-hour free Spanish course offered by the Universidade da Coruña to all exchange students. At the end of the course students receive a diploma informing the Spanish level they got, together with the number of hours and the grade

6 - University of Cordoba (Spain)

- **Agreements signed with TEMPO's partnership or other institutions:**

Erasmus+ inter-institutional Agreement 2015-2021: University of Córdoba (UCO) - Brest State Technical University (BSTU)
Erasmus+ inter-institutional Agreement 2015-2021: University of Córdoba (UCO) - Belorussian National Technical University (BNTU)

- **Projects submitted with TEMPO's partnership or other partners:**

Erasmus+ KA107 proposal (International Credit mobility) from the University of Córdoba (UCO) including partners in Belarus (BSTU, BNTU)

- **Number of all outgoing mobilities** (per type):

Undegraduate: 0
Master: 1
PhD: 2
Post-Doc: 1
Staff: 1

- **Number of all incoming mobilities (per type):**

Undegraduate: 1
Master: 4
PhD: 1
Post-Doc: 3
Staff: 0

- **Number of Diplomas issued: 4**

7 - Politecnico di Milano (Italy)

- **Agreements signed with TEMPO’s partnership or other institutions**
 - ERASMUS + International Credit Mobility (inter-institutional agreement) with:
 - Azerbaijan University of Architecture and Construction
 - National University of Architecture and Construction of Armenia
 - Georgian Technical University
 - National Technical University of Ukraine “Kiev Polytechnic Institute”
 - Università Statale Tecnica di Costruzioni e Architettura Kharkov
 - Sumy State University
 - Donbas National Academy of Civil Engineering and Architecture

Framework Agreement with:

- Georgian Technical University
- Azerbaijan University of Architecture and Construction
- Yerevan State University
- National Polytechnic University of Armenia

• **Number of outgoing mobilities** (per type):

1 academic staff and 1 undergraduate

• **Number of incoming mobilities** (per type):

3 Master, 6 Academic Staff, 2 undergraduate, 4 Phd

8 - University of Pavia (Italy)

• **Number of incoming mobilities** (per type):

- Master: 8 grantees
- Academic Staff: 3
- Undegraduate: 5 grantees
- Doctorate: 6 grantees
- Post-Doctorate: 5 grantees

9 - Politecnico di Torino (Italy)

• Projects submitted with TEMPO’s partnership or other partners:

– POLITO coordinates EMA2 EUROEAST project (selected in 2012). EUROEAST Partnership is composed by some partners in common with TEMPO: Baku State University; Alecu Russo Balti State University; National Technical University of Ukraine (co-coordinator)

– POLITO submitted E+ project (KA1 Credit Mobility with Partner Countries): in 2015 (selected for grant) and in 2016 (waiting for results). The E+ projects not involve partners of lot 5

– POLITO has just submitted (February 2016) an E+ KA2 Capacity building project with some Russian Universities and the TEMPO HEi Partner, Belarussian National Technical University (BNTU)

• Number of outgoing mobilities (per type): 0

• Number of incoming mobilities (per type):

10 students (Undergraduate: 4; Master: 6)

• Number of Diplomas issued:

POLITO did not received any full degree grantees and so no Degrees were issued

10 - Gavar State University (Armenia)

• Agreements signed with TEMPO’s partnership or other institutions:

We signed the following agreements with TEMPO’s partnership:

- University of A Coruña, Spain
- Polytechnic University of Turin

• Projects submitted with TEMPO’s partnership or other partners:

We submitted the following projects with TEMPO’s partnership:

- EUROEAST (Erasmus Mundus), with Polytechnic University of Turin, Italy
- Tempus ReTHINKe , with University of Lisbon, Portugal
- Erasmus+ (KA-1) University of A Coruña, Spain

• Number of all outgoing mobilities (per type):

Type of Mobility	BA	MA	PhD	PD	S/Ac	S/Adm
OUTGOING	5	3	-	-	3	1

TOTAL OUTGOING: 12 Mobilities

• Number of all incoming mobilities (per type):

Type of Mobility	BA	MA	PhD	PD	S/Ac	S/Adm
INCOMING	2	-	-	-	-	-

TOTAL INCOMING: 2 Mobilities

• Number of Diplomas issued:

Since we did not have any Full Degree scholarships, there were no Diplomas issued

11 - National Polytechnic University of Armenia (former SEUA)

• **Agreements signed with TEMPO’s partnership or other institutions:**

- 1) Memorandum of Understanding of the TEMPO Project;
- 2) Framework Agreement with Polytechnic University of Milan (Italy, signed on 29.05.2015);
- 3) Double Degree Agreement with University of Coruna (Spain, signed on 04.03.2015).

• **Projects submitted with TEMPO’s partnership or other partners:** 0

• **Number of outgoing mobilities** (per type)

Staff – 4, Students – 12, PhD – 1

• **Number of incoming mobilities** (per type)

Staff – 2 , Students – 1

• **Number of Diplomas issued:** 0

• **Others:**

- 1) **Lisbon Technical University** (Portugal) – Coordinator in «Reform of Education THru International Knowledge exchange (RETHINK)» 544178-TEMPUS-1-2013-1-PT-TEMPUS-JPCR Tempus Project;
- 2) **University of Alicante** (Spain) – EU partner in «Armenian Coordination Agency “University – Employer” (ARARAT)» 530321-TEMPUS-1-2012-1-AM-TEMPUS-SMHES Tempus project;
- 3) **Alecu Russo Balti State University** (Moldova) – Partner in «Leading and Managing Change in Higher

Education (La MANCHE)» 530621-TEMPUS-1-2012-1-BG-TEMPUS-JPGR Tempus project;

4) **Georgian Technical University** (Georgia) – Partner in «Modernization of Mathematics curricula for Engineering and Natural Sciences studies in South Caucasian Universities by introducing modern educational technologies (MathGeAr)» 543868-TEMPUS-1-2013-1-DE-TEMPUS-JPCR Tempus project, partner in «Biomedical Engineering Education Tempus Initiative in Eastern Neighbouring Area (BME-ENA)» 543904-TEMPUS-1-2013-1-GR-TEMPUS-JPCR Tempus project, partner in «Reform of Education THru International Knowledge exchange (RETHINK)» 544178-TEMPUS-1-2013-1-PT-TEMPUS-JPCR Tempus project, partner in «Developing tools for lifelong learning in Transcaucasus region: e-Learning (ARMAZEG)» 544605-TEMPUS-1-2013-1-BE-TEMPUS-JPHES Tempus project, partner in Erasmus Mundus ACTIVE project;

5) **University of Coruna** (Spain) – EU partner in «Reform of Education THru International Knowledge exchange (RETHINK)» 544178-TEMPUS-1-2013-1-PT-TEMPUS-JPCR Tempus project;

6) **Donbas National Academy of Civil Engineering and Architecture** (Ukraine) – Partner in «Reform of Education THru International Knowledge exchange (RETHINK)» 544178-TEMPUS-1-2013-1-PT-TEMPUS-JPCR Tempus project;

7) **Donetsk National Technical University** (Ukraine) – Partner in «Reform of Education THru International Knowledge exchange (RETHINK)» 544178-TEMPUS-1-2013-1-PT-TEMPUS-JPCR Tempus project, partner in Erasmus Mundus ACTIVE project;

8) **Brest State Technical University** (Belarus) – Partner in «Reform of Education THru International Knowledge exchange (RETHINK)» 544178-TEMPUS-1-2013-1-PT-TEMPUS-JPCR Tempus project;

9) **Belarusian National Technical University** (Belarus) – Partner in Erasmus Mundus ACTIVE project.

12 - Azerbaijan University of Architecture and Construction (Azerbaijan)

- **Agreements signed with TEMPO’s partnership or other institutions:**
 - Polytechnic Institute of Leiria - Double degree partnership
 - University of A. Coruna, Spain - Double degree partnership
- **Projects submitted with TEMPO’s partnership or other partners:**
 - ReTHink Tempus Project (Coordinator University of Lisbon Faculty of Architecture)
 - Politecnico Di Milano - Capacity Building (KA-2)
 - Middle East Technical University - Erasmus Inter-Institutional Agreement
 - Politecnico Di Milano - Erasmus Inter-Institutional Agreement
- **Number of outgoing mobilities** (per type):
 - 4 master students
 - 12 bachelor students
 - 2 staff mobilities
- **Number of incoming mobilities** (per type):
 - 3 master students
 - 1 bachelor student
 - 2 staff mobilities
- **Number of Diplomas issued:** 0

13 - Baku State University (Azerbaijan)

- **Agreements signed with TEMPO’s partnership or other institutions:**
 - Double Degree Agreement was signed with TEMPO’s partner - University of A Coruña, Spain
 - Inter-institutional agreement (2015-2020) was signed under Erasmus+ Programme with Pavia University, Italy
- **Projects submitted with TEMPO’s partnership or other partners:**
 - RETHINK project in the frame of Tempus Programme with most of partners of TEMPO project
- **Number of all outgoing mobilities** (per type):

Type of Mobility	BA	MA	PhD	PD	S/Ac	S/Adm
INCOMING	3	-	-	-	2	-
- **Number of all incoming mobilities** (per type):

Type of Mobility	BA	MA	PhD	PD	S/Ac	S/Adm
OUTGOING	2	3	2	1	1	-
- **Number of Diplomas issued:**
 - 1 Master degree diploma

14 - Belarusian National Technical University (Belarus)

• **Agreements signed with TEMPO’s partnership or other institutions:**

The Belarusian National Technical University (BNTU) has signed Inter-Institutional Agreement with University of Cordoba (Spain)

• **Projects submitted with TEMPO’s partnership or other partners:**

In 2016 the Belarusian National Technical University (BNTU) has received a proposal from the side of Lisbon Technical University to continue collaboration within the framework of ERASMUS+ Program. The proposal has been accepted by the BNTU

• **Number of all outgoing mobilities** (per type)

Undergraduate – 11; Academic Staff – 2; Master – 4; Doctorate – 3

• **Number of all incoming mobilities** (per type)

Academic Staff – 1; Doctorates - 4

• **Number of Diplomas issued:** 0

• **Others:**

To our opinion, projects within the framework of ERASMUS-MUNDUS Program were more efficient and organized. Being member of the Consortium we had a great opportunity to know each other much better and accumulate positive experience of the partners. We are very thankful to Lisbon University for its invitation to participate in TEMPO project. To our opinion, this Project has been rather useful and successful for our University

15 - Brest State Technical University (Belarus)

• **Projects submitted with TEMPO’s partnership or other partners:**

A project was submitted based on collaboration results of the stuff mobility to the State Programme of Scientific Research of Belarus, “Informatics, space and security” subprogram

• **Number of outgoing mobilities** (per type):

Undergraduates: 11 (7 in I cohort, 4 in II cohort)
Doctorates: 1 (in II cohort)
Staff: 1 (in II cohort)

• **Number of incoming mobilities** (per type):

Masters: 3 (in I cohort)
Staff: 2 (in I cohort)

16 - Georgian Technical University (Georgia)

• Agreements signed with TEMPO’s partnership or other institutions:

ERASMUS + International Credit Mobility
(inter-institutional agreement) with TEMPO’s partnership:

2 projects: University of A Coruña and Polytechnic University of Milan

ERASMUS + International Credit Mobility
(inter-institutional agreement) with other institutions:

6 projects
Memorandums of Understanding with TEMPO’s partnership:

- 1. Brest State Technical University
- 2. Belarusian National Technical University
- 3. State Engineering University of Armenia
- 4. Donetsk National Technical University
- 5. Azerbaijan University of Architecture and Construction
- 6. National Technical University of Ukraine “Kiev Polytechnic Institute”
- 7. University of Alicante

• Projects submitted with TEMPO’s partnership or other partners

Projects submitted with TEMPO’s partnership:

- 1. Tempus project RETHINK - Lisbon University/Faculty of Architecture and Alecu Russo Balti State University
- 2. Erasmus Mundus INFINITY Project - Lisbon University/Faculty of Architecture

Projects submitted with other partners:

ERASMUS MUNDUS Projects – 4 projects
TEMPUS Projects – 6 projects
ERASMUS + International Credit Mobility Projects – in preparation / submitted up to 16 projects
ERASMUS + Capacity Building in the field of Higher Education Projects – in preparation / submitted up to 12 projects

• Number of outgoing mobilities (per type):

6 academic/administrative staff, 24 Bachelor students, 10 Master’s students, 6 PhD students, 2 Post Doc

• Number of incoming mobilities (per type):

2 academic/administrative staff, 3 Bachelor students, 3 PhD students , 2 Post Doc

• Number of Diplomas issued: 0

17 - Alecu Russo Balti State University (Moldova)

• Agreements signed with TEMPO’s partnership or other institutions:

- We signed the following agreements with TEMPO’s partnership:
- University of A Coruña, Spain
 - Polytechnic University of Turin

• Projects submitted with TEMPO’s partnership or other partners:

- We submitted the following projects with TEMPO’s partnership:
- EUROEAST (Erasmus Mundus), with Polytechnic University of Turin, Italy
 - ReTHINK, with University of Lisbon, Portugal
 - ERASMUS+ (KA-2) Capacity Building, with Baku State University, Azerbaijan

• Number of all outgoing mobilities (per type):

2 Administrative staff

Type of Mobility	BA	MA	PhD		S/Ac	S/Adm
OUTGOING	-	-	-	-	-	2

• Number of all incoming mobilities (per type):

Type of Mobility	BA	MA	PhD	PD	S/Ac	S/Adm
INCOMING	1	-	1	-	-	-

TOTAL INCOMING: 2 Mobilities

• Number of Diplomas issued:

Since we did not have any Full Degree scholarships, there were no Diplomas issued

Alecu Russo Balti State University expresses high gratitude for a fruitful cooperation and exceptional partnership!

18 - Donbas National Academy of Civil Engineering and Architecture (Ukraine)

• Agreements signed with TEMPO’s partnership or other institutions:

- Framework Agreement with:
- Politecnico di Milano (Italy)
 - University of Pavia (Italy)

• Projects submitted with TEMPO’s partnership or other partners:

- INFINITY (Project ID 545681-EM-1-2013-1-PT-ERA MUNDUS-EMA 21) with University of Lisbon (Portugal), Donetsk National Technical University (Ukraine), Georgian Technical University (Georgia)
- RETHINK (Project ID 544178-TEMPUS-1-2013-1-PT-TEMPUS-JPCR) with University of Lisbon (Portugal), University of Coruña, Donetsk National Technical University (Ukraine), Azerbaijan University of Architecture and Construction, Baku State University (Azerbaijan), Brest State Technical University (Belarus), State Engineering University of Armenia, Gavar State University (Armenia), Georgian Technical University (Georgia), Alecu Russo Balti State University (Moldova)

• Number of outgoing mobilities (per type):

19 (2 Undergraduate, 4 Master, 5 Doctorate, 4 Post-Doc, 4 Academic Staff)

• Number of incoming mobilities (per type):

1 (Academic Staff)

• Number of Diplomas issued:

Since we did not have any Full Degree scholarships, there were no Diplomas issued

19 - Donetsk National Technical University (Ukraine)

Joint-Coordination Institution

• Projects submitted with TEMPO’s partnership or other partners:

- INFINITY (Project ID 545681-EM-1-2013-1-PT-ERA MUNDUS-EMA 21) with University of Lisbon (Portugal), Donetsk National Technical University (Ukraine), Georgian Technical University (Georgia)
- RETHINK (Project ID 544178-TEMPUS-1-2013-1-PT-TEMPUS-JPCR) with University of Lisbon (Portugal), University of Coruña, Donetsk National Technical University (Ukraine), Azerbaijan University of Architecture and Construction, Baku State University (Azerbaijan), Brest State Technical University (Belarus), State Engineering University of Armenia, Gavar State University (Armenia), Georgian Technical University (Georgia), Alecu Russo Balti State University (Moldova)

• Number of outgoing mobilities (per type):

15 grantees (Academic staff, Post-doctorate, Master, Undergraduate and Doctorate mobilities)

• Number of incoming mobilities (per type): 0 grantees

• Number of Diplomas issued: 0

20 - National Technical University of Ukraine “Kiev Polytechnic Institute” (Ukraine)

• Agreements signed with TEMPO’s partnership or other institutions:

- ERASMUS + International Credit Mobility (inter-institutional agreement) with: Politehnico di Milano (Italy)

• Projects submitted with TEMPO’s partnership or other partners:

- 1 submitted (Internationatl Credit Mobility 2015/2016) with University of Tomar
 - 1 in preparation (International Credit Mobility 2016/2017) with University of Tomar
- EUROEAST (Erasmus Mundus)

• Number of outgoing mobilities (per type):

2 Academic Staff, 1 Post-Doc, 8 Master and 2 Undergraduate

• Number of incoming mobilities (per type):

1 Academic Staff

• Number of Diplomas issued: 0

IV TEMPO CONCLUSION

The past three years of coordinating a TEMPO project have been an immense challenge full of surprises, full of unknowns but at the same time, full of endeavours. Indeed, the TEMPO Project has had a significant impact for the Higher Education Institutions of the Third Countries (lot 5) not just through its mobility component – that the project naturally promoted - but also because it focused on the sustainability of the multilateral ties that have resulted, such as 5 bilateral agreements between the TEMPO partners:

- 1 – Bilateral Agreement between Alicante and Azerbaijan University of Construction
- 2 – Bilateral Agreement between Pavia and Donbass Academy of Civil Engineering
- 3 – Bilateral Agreement between University of a Coruña and Tbilisi State University
- 4 – Bilateral Agreement between Milan and Donbass Academy of Civil Engineering
- 5 – Bilateral Agreement between University of a Coruña and Kiev Polytechnic Institute

There have been good results concerning the Recognition of Study: Full Master Diplomas issued to the TEMPO grantees and more than 30 scientific articles published with the co-authoring of the TEMPO grantees.

In addition, the TEMPO Project (3.5 million euros budget) gave us the understanding of how to conceive and how to manage winning proposals. As such, we responded two more calls from EACEA and applied with the INFINITY Project and with the RETHINKe Project:

INFINITY project (2013, budget 3.2 million euros) – Erasmus Mundus programme of the EU (Coordinator – Prof. António Castelbranco);

RETHINKe project (2013 budget 1.3 million euros) – TEMPUS* programme of the EU (Coordinator – Prof. Oksana Turchanina).

In other words, in a period of 15 months, the Faculty of Architecture of the University of Lisbon (FAUL) competed and won three projects worth a total of almost 8.1 million allocated by the European Union Commission.

*The TEMPUS programme is very coveted by European universities and from the 930 proposals only 160 were selected for funding, including the RETHINK project. With a budget of 1.3 million euros the RETHINK project will allow the consortium – coordinated by FAUL – to reinvent and to redefine academic curricula within the partner universities.

The objectives of the INFINITY project

The INFINITY project intends to become an INternational Fellowship IN transdisciplinarITY; its main theme is “Urban Agriculture”. INFINITY is about sustainability, and aims to strengthen a viable partnership of EU and all of lot 5 countries - aligning the Lisbon Strategy with the EM programme’s objectives. INFINITY is set in a transdisciplinary framework in the following thematic fields: 01 Agriculture Sciences 02 Architecture/Urban Planning 04 Business Studies/Management Science 06 Engineering/Technology 07 Geography/Geology 13 Natural Sciences 14 Social Sciences INFINITY has a good geographical coverage; it includes HEIs of the EU (Czech Republic, Estonia, Portugal, Slovenia) and all lot 5 countries - from large and peripheral cities. In the partnership 9 HEIs have had EM experience and 11 HEIs without EM experience. Expected impact: • Start the assimilation of the EU’s Higher Education System into the lot 5 countries by increasing these countries’ awareness toward the advantages of being part of the wider continental European educational system. • Offer an equal opportunity for students/staff - through systematic mobility - to enrich their knowledge, skills, and to carry the concept of urban sustainability to their own countries. • Encourage the promotion common values of respect for gender equity, human rights, fundamental freedoms, peace, democracy, good governance, the rule of law, solidarity. • Share research resources as to attain educational standards/management capacities between the EU’s partners’ and their Third countries’ partners. • Raise the employability at the Third Countries to contribute in their undergoing process of diversification of their economies. • Develop international programs for future strategic collaboration in terms of research and business. • Strive to reach the objectives set by the United Nations, the EU and the EM such as smart growth, environmental protection and sustainable development for the countries covered by the INFINITY.

Just as with the TEMPO Project, the INFINITY Project focused on the sustainability of the multilateral ties that have resulted, which resulted in another 7 bilateral agreements between the INFINITY partners:

- 1 – Bilateral Agreement between Ostrava and Azerbaijan State Agrarian University
- 2 – Bilateral Agreement between Leiria and Lviv Polytechnic University
- 3 – Bilateral Agreement between Slovenia and Azerbaijan State Agrarian University
- 4 – Bilateral Agreement between Slovenia and Mingachevir Polytechnic Institute
- 5 – Bilateral Agreement between Slovenia and Kharkiv University of Architecture
- 6 – Bilateral Agreement between FA University of Lisbon and Kharkiv National Academy of Municipal Economy
- 7 – Bilateral Agreement between FA University of Lisbon and Kharkiv National University of Civil Engineering and Architecture

The objectives of the RETHINKe project

The acronymof RETHINKe stands for: Reform of Education THruINternational Knowledge exchange – this project intends to link the United Nations strategy of Education for Sustainable Development, the “Europe 2020” strategy, and the Bologna Process with the TEMPUS’ programme objectives for Modernisation of Higher Education Institutions (HEI) in the EU’s neighbouring area. In line with the strategies mentioned above and from the Regional Priorities list - for the Eastern Neighbouring Area (ENPI East) - the ENVIRONMENT was the selected priority for the RETHINK project; however, the underlying theme of the RETHINK project is new, inclusive whereby ENVIRONMENT and SUSTAINABILITY are intertwined with BUSINESS and EDUCATION. In fact, the RETHINK project encompasses these two themes, and also integrates the concept of the knowledge triangle “education/research/innovation” from an environmentally sustainable perspective. The project RETHINK intends to rethink the curricula of the partner HEIs -in the priority area of ENVIRONMENT- through the development of innovative Joint (Masters and PhD) Degrees in the fields of:

- 1 – Architecture, Urban planning and Civil Engineering
- 2 – Climate Engineering/Environmental Sciences.

These degrees will encompass a “CO2RETHINK” component and an “Innovation/Entrepreneurship” component within a transdisciplinary framework. By refocusing the role of planning regarding CO₂ emissions and CO₂ management, RETHINK’s new curricula aims at contributing to global warming mitigation and to the reduction of Green House Gases.

In any case, the following page, is a letter from the Coordinator of another Erasmus Mundus, in which it is referred that the EACEA in Brussels had suggested this Coordinator to contact us for guidance and advice in the implementation of her project.Indeed, the knowledge gained in the past 3 years has allowed us to understand and deal with the immense complexities of handling these projects. Due to sound management, a well-organized structure, and good financial monitoring the Faculty of Architecture has become unique in the panorama of Portuguese colleges. This new panorama has encouraged the professors and researchers of the Faculty of Architecture to reciprocate by showing their ability to invent, to propose and to coordinate projects from the European Union.

Estimado Professor Antonio CastelBranco,

Na qualidade de coordenadora do programa Erasmus Mundus MFamily, começo por lhe agradecer as nossas conversações telefónicas e os seus preciosos esclarecimentos sobre o processo de contratação de seguros com a empresa Dr Walter, a qual me havia indicado o seu contacto e referido a frutífera cooperação que têm estabelecido no âmbito dos programas europeus TEMPO e INFINITY que o Professor coordena. Nesse seguimento, gostaria de lhe solicitar que, com a brevidade que lhe seja possível, me receba na sua universidade e me ponha em contacto com os serviços administrativo-financeiros de quem recebe apoio à gestão destes programas, designadamente a nível de aquisição de serviços. A razão deste meu pedido prende-se com a necessidade de melhor conhecer procedimentos bem sucedidos quanto à contratação e pagamento de serviços de seguros a uma empresa não sediada em Portugal, sem que tais serviços sejam onerados das elevadas taxas a que, segundo indicação obtida na minha universidade, transações internacionais devem estar sujeitas. Apelo à sua gentil colaboração nos moldes em que a própria EACEA/Comissão Europeia sugeriu quando do início da minha coordenação deste programa Erasmus Mundus, no sentido de seguirmos as boas práticas e os procedimentos mais adequados já testados por outras universidades nacionais com programas europeus similares, como é o seu caso, assegurando deste modo a melhor gestão possível dos programas por que somos responsáveis.

Agradeço antecipadamente o seu bom acolhimento para esta minha solicitação e apresento saudações cordiais

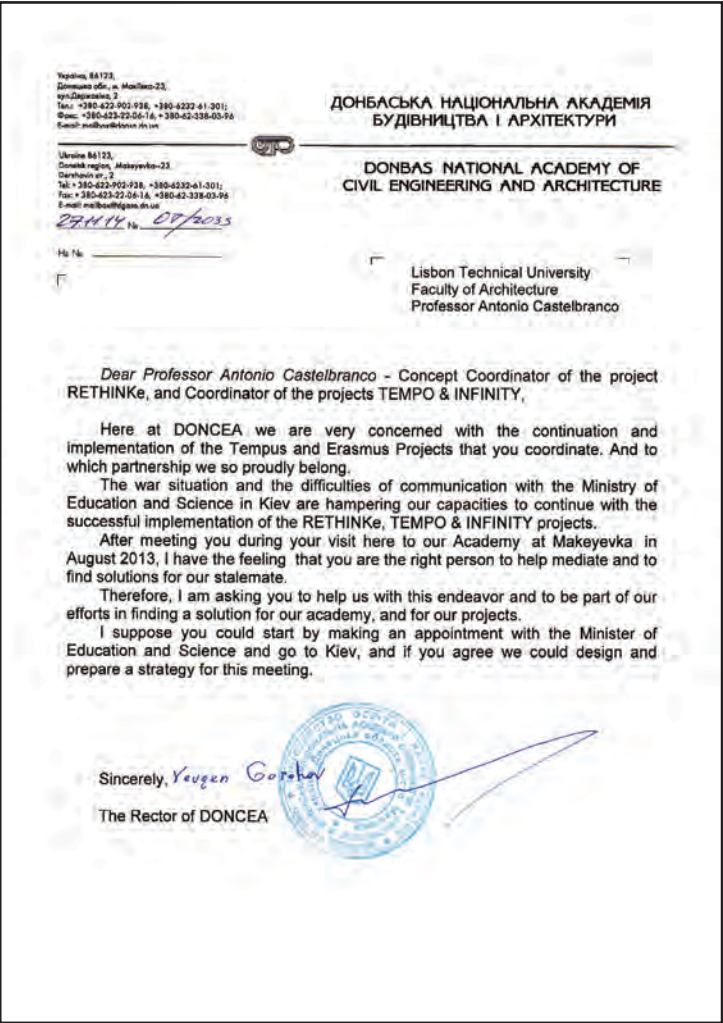
Maria das Dores Guerreiro
Coordenadora Erasmus Mundus MFamily
Professora do Departamento de Sociologia
Escola de Sociologia e Políticas Públicas
Instituto Universitário de Lisboa (ISCTE-IUL)



Since 2013, we have been invited to several conferences at our Partner Universities, such as the invitation to share and promote our projects at the Azerbaijan University of Architecture and Construction. But of which this is an invitation to.

On the other hand, the TEMPO Project is not immune to the upheavals of international affairs.

For example, the political situation and the war in the Eastern part of Ukraine completely destroyed a very special scheme – developed exclusively for the TEMPO project by the Ministry of Foreign Affairs of Portugal and the project Coordinator – because, during the First Cohort the issuing Portuguese visas to all the grantees of the lot 5 was concentrated at the Portuguese Embassy in Kiev. However, due to the war and separation of Eastern Ukraine, in the Second Cohort we could no longer continue to have the embassy in Kiev issuing all the visas to our other partner countries, and we had to ask the Portuguese Embassies in Moscow, Ankara, and Bucharest to issue Portuguese visas to our grantees. It was a much more time-consuming and expensive alternative, but it was successfully accomplished.



As a result of the war and the consequent separation of Eastern Ukraine our Donetsk partner universities were themselves split.

The split within the universities that stayed in Donetsk and the ones that were moved out of the separatist territories prompted the Rector of Donbas National Academy of Civil Engineering and Architecture to request our assistance in mediating the situation.

The Rector’s words were premonitory of what was to come: *“Here at DONCEA we are very concerned with the continuation and implementation of the Erasmus Projects that you coordinate. And to which partnership we so proudly belong.*

The war situation and the difficulties of communication with Kiev are hampering our capacities to continue with the successful implementation of the TEMPO & INFINITY projects”

Unfortunately, the scale of the conflict was too large and beyond our possibilities to make an immediate difference. As such, these 2 universities were indeed separated, and only the time will tell if this separation will be temporary or permanent. However, at the start of TEMPO the war in Ukraine and this outcome were completely unforeseen.

Epylog

On a personal level, the coordination of these projects has been a 24 hour, 365 day a year responsibility, which implies an exhausting, and continuous state of alertness. From our experience and in terms of the difficulties in coordinating and implementing these projects, the human factor has been clearly the most difficult aspect to deal with. The problems arise from the recognition of such coveted achievements; the large amounts involved which are both intimidating and desired. On a different level, a small percentage of grantees generated large amounts of work due to their misinterpretation of the complex rules, or due to their inability to adapt to new environments and unfamiliar situations. In these cases the procedure to overcome the problems must be holistic in its approach of finding solutions. Therefore, it is essential to distinguish between the fundamental and the non-fundamental problems in order to stay on course.

In any case, these projects have had and will have a long-lasting, positive impact in the lives of all people involved. The knowledge gathered by the participants in TEMPO is providing practical results in terms of a better quality of life, a healthier environment through the sustainable development of their urban centers. It will take some time for all these players to work together and for the results to start emerging, but they have learned the importance of trust, the importance of symbiotic relationships, and the need to build bridges. It is a sound strategy for sustainability in its widest meaning.

We believe that what was accomplished with the help of EACEA, and with the funding of the European Union Commission is the start of an important mission. This mission is about the building of a true European continent that begins in Georgia and that ends in Portugal (or vice-versa). The ingredients of this mission have been and should remain: trust, perseverance and hope.

For more information on ongoing Erasmus+ projects of the EACEA Agency you can find here:
http://eacea.ec.europa.eu/erasmus-plus_en
Contact for the TEMPO project achievements: tempo@fa.ulisboa.pt

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Coordenador do Projeto TEMPO *TEMPO Project Coordinator*
António CastelBranco
Coordenadora Executiva do Projeto TEMPO *TEMPO Project Executive Coordinator*
Oksana Turchanina



Diretor *Director*
Carlos Alho

Diretor editorial *Editorial director*
João Carlos Fonseca

Arte/Design *Art/Design*
Paula Azevedo (Archinews®)

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Editora *Publisher*
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T (+351) 213 930 176 F (+351) 213 930 178
E geral@archinews.pt

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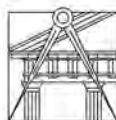
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